

## **SECTION 01 10 00 - SUMMARY OF WORK - MULTIPLE PRIME CONTRACTS**

### **GENERAL**

#### **1.1 PROJECT INFORMATION**

- A. Project: Bedford Central School District Phase 1A
- B. Project Location: Bedford, NY
- C. Owner: Bedford Central School District
- D. Architect: BBS Architects & Design
- E. Construction Manager: Arris Contracting Company, Inc.
- F. The overall scope of work includes: new doors and entrance doors at High School ,Middle school interior doors and outdoor play area renovation, security upgrades in elementary schools, a principal's room addition with associated structural, mechanical, electrical. New clocks, PA and telephone upgrades. All prime contractors are required to actively coordinate and sequence with other contractors and the owner provided items to ensure accuracy of the installations and a smooth flow of work.

The contractor shall provide all labor, materials, equipment and services to furnish deliver and install all materials and related work as shown on the drawings, as required by these specifications and/or as directed by the Architect/Construction Manager.

- G. Contracts:
  - 1. The Project will be constructed under a multiple prime-contracting arrangement.
  - 2. Prime Contracts are separate contracts between the Owner and separate contractors, representing significant construction activities. Each prime contract is performed concurrently with and closely coordinated with construction activities performed on the Project under prime contracts. Prime contracts for this Project include:
    - a. General Work Contract. (GC or GWC) - Contract # 1
    - b. Mechanical Work Contract. (MC, HVAC or HC) - Contract # 2
    - c. Electrical Work Contract. (EC) - Contract # 3

#### **1.2 DIVISION OF WORK**

- A. Each contract shall include all labor materials, plans, tools, equipment and supervision which are required for or incidental to the proper completion of the work as indicated on the drawings and described in the following specification sections:

#### **1.3 GENERAL REQUIREMENTS - ALL CONTRACTS**

### **DIVISION 0 - BIDDING DOCUMENTS, CONTRACTS AND CONDITIONS**

- A. Cover Page
- B. Table of Contents

- C. Project Directory
- D. Asbestos Handling Certificate
- E. Conditions of This Contract
- F. Invitation to Bidders
- G. Instructions to Bidders
- H. Information Available to Bidders
- I. Bid Proposal Form
- J. Proposed Equivalent Form
- K. Proposed Substitution Form
- L. Certification of Compliance with the Iran Divestment Act
- M. Declaration of Bidder's Inability to Provide Certification of Compliance with the Iran Divestment Act
- N. Iran Divestment ACT Compliance Rider
- O. Statement of Bidder's Qualifications
- P. Bond Forms - A.I.A. Document A312
- Q. Standard Form of Agreement - A.I.A. Document A132
- R. Requisition Form - A.I.A. Documents G732 and G703
- S. Insurance Forms - A.I.A. Document G715, Accord Form Sample and Additional Insured Endorsements & Affidavit, Insurance certification form, sexual harassment prevention certification form.
- T. Closeout Documents - A.I.A. Documents G706, G706A, G707, G707A
- U. General Conditions of Contract - A.I.A. Document A232
- V. Not Used
- W. Prevailing Wage Rates
- X. Governing Laws
- Y. Specification Sections

#### **DIVISION 01 - GENERAL REQUIREMENTS**

- 01 07 00 ABBREVIATIONS AND SYMBOLS
- 01 08 50 APPLICABLE STANDARDS
- 01 10 00 SUMMARY OF WORK - MUTLI PRIME CONTRACT
- 01 11 00 MILESTONE SCHEDULE
- 01 21 00 ALLOWANCES
- 01 22 00 UNIT PRICES
- 01 23 00 ALTERNATES
- 01 23 10 CONTRACT PHASE CLARIFICATIONS
- 01 26 00 CONTRACT MODIFICATION PROCEDURES
- 01 29 00 PAYMENT PROCEDURES
- 01 31 00 PROJECT MANAGEMENT AND COORDINATION
- 01 31 19 PROJECT MEETINGS
- 01 31 50 COVID-19 CONTRACTOR COMPLIANCE
- 01 32 16 CONSTRUCTION PROGRESS SCHEDULE
- 01 33 00 ELECTRONIC SUBMITTAL PROCEDURES
- 01 33 02 SUBMITTAL COVER PAGE
- 01 45 00 QUALITY REQUIREMENTS
- 01 45 29 TESTING LABORATORY SERVICES
- 01 45 33 SPECIAL INSPECTIONS AND STRUCTURAL TESTING
- 01 50 00 TEMPORARY FACILITIES AND CONTROLS
- 01 51 00 UNIFORM SAFETY STANDARDS FOR SCHOOL CONSTRUCTION
- 01 55 00 SELECTIVE DEMOLITION
- 01 73 29 CUTTING AND PATCHING
- 01 74 23 CLEANING UP
- 01 77 00 CLOSEOUT PROCEDURES
- 01 77 01 CHECKLIST FOR PROJECT CLOSEOUT

01 77 02 CONFORMED CONSTRUCTION DOCUMENTS (AS-BUILTS)  
01 78 36 WARRANTIES

#### **1.4 CONTRACT # 1 - GENERAL WORK CONTRACT (GWC or GC)**

**In addition to the General Requirements, Division 1, included in this bid package contractor shall provide for proper completion of work as indicated on all drawings and in accordance with the terms and conditions described in the following specification sections :**

##### **DIVISION 1A - ASBESTOS**

Section 01 61 00 - Asbestos Abatement  
Section 01 61 20 - Methods of Removal & Temporary Enclosure  
Section 01 61 30 - Asbestos Removal  
Section 01 61 40 - Air Monitoring  
Section 01 61 50 - Project Decontamination  
Section 01 61 60 - Clean-Up Procedures  
Section 01 61 70 - Monitoring & Supervision  
Section 01 61 80 - Removal of Asbestos Contaminated Substrate  
Material - Scrape Method

##### **DIVISION 2 SITE WORK & EXISTING CONDITIONS**

Section 02000 - Site Work General Provisions  
Section 02081 - Asbestos Abatement  
Section 02200 - Earth Work  
Section 02530 - Athletic Court Surfacing  
Section 02550 - Bluestone Pavers  
Section 02600 - Hot Mix Asphalt (HMA) Pavement System  
Section 02801 - Topsoil, Lawns and Grasses  
Section 02832 - Vinyl Coated Chain Link Fencing

##### **DIVISION 3 - CONCRETE**

Section 03300 - Cast-in-Place Concrete Work  
Section 03650 - Self-Leveling Cementitious Underlayment

##### **DIVISION 4 - MASONRY**

Section 04102 - Natural Stone Repair & Repointing  
Section 04200 - Unit Masonry Section  
Section 04500 - Masonry Restoration and Cleaning  
Section 04700 - Simulated Stone Veneer  
Section 04720 - Architectural Cast Stone

##### **DIVISION 5 - METALS**

Section 05100 - Structural Steel  
Section 05300 - Metal Decking

Section 05400 - Cold-Formed Metal Framing  
Section 05500 - Miscellaneous Metal

#### **DIVISION 6 - WOODS AND PLASTICS**

Section 06100 - Rough Carpentry  
Section 06200 - Finish Carpentry

#### **DIVISION 7- THERMAL AND MOISTURE PROTECTION**

Section 07190 - Under Slab Vapor Barrier  
Section 07200 - Building Insulation  
Section 07271 - Self-Adhered Non-Permeable Air Barrier Membrane  
Section 07530 - EPDM Roofing System  
Section 07602 - Flashing  
Section 07800 - Roof Accessories  
Section 07900 - Caulking  
Section 07910 - Joint Sealers

#### **DIVISION 8 - OPENINGS**

Section 08110 - Steel Doors and Frames  
Section 08211 - Flush Wood Doors  
Section 08306 - Fire Rated Access Doors  
Section 08330 - Roll-Up Door Coiling Fire Doors  
Section 08410 - Aluminum Entrances and Storefronts  
Section 08411 - Aluminum Security Framed Entrances and Store Fronts  
Section 08520 - Aluminum Windows (Insulated Glass)  
Section 08525 - Transom Window  
Section 08631 - Aluminum Clad Windows  
Section 08710 - Finish Hardware  
Section 08800 - Glass and Glazing  
Section 08806 - Fire Rated Glazing  
Section 08870 - Security Window Film  
Section 08930 - Metal Glazing Panels

#### **DIVISION 9 - FINISHES**

Section 09250 - Gypsum Wall Board  
Section 09510 - Acoustic Ceiling Systems (2x4 or 2x2 Suspended Tile)  
Section 09650 - Resilient Flooring  
Section 09680 - Carpeting  
Section 09900 - Painting

#### **DIVISIONS 10 - 13**

Not used

#### **DIVISIONS 14 - CONVEYING SYSTEMS**

Section 14226 - Incline Wheelchair Lift

Special Notes: Contract # 1 - General Work Contractor:

1. Work hours M-F 7:00AM - 4:30PM. Contractor will appropriately

man the project to avoid Saturday and Overtime hours which result in Owner, Construction Manager and Architect additional costs.

2. All exterior site work at elementary schools and Middle School Outdoor Shelter ( asphalt, coating, fencing, etc.) is by the General Contractor # 1.
3. All asbestos abatement work is by GC Contract # 1
4. Each prime contractor to include all required insurance coverages as outlined by the General Conditions and front end sections in their base bid. Provide renewals ahead of expiration. No contractors will be allowed onsite if their insurance has expired.
5. General Work Contractor will install sleeves in foundation walls for penetrations by other prime contractors. MEP contractors to provide GWC with written sketch showing exact height/location(s) with distance from column line and depth below finished slab, within sufficient time for GWC to install. (If information is not provided timely by MEP, then core drilling is the responsibility of the affected contractor).
6. All concrete slabs are to receive Vaporlock 20/20 additive ( or equal ) to enable floor finishes to be installed without slab moisture issues.
7. Access doors for MEP trades furnished by trade requiring access; installation by Contract # 1 - General Work Contractor.
8. General Work Contractor will coordinate MEP opening sizes and locations (HVAC units, louvers, vents, etc.) with MEP trades. Lintels for these opening provided and installed by Contract # 1 - General Work Contractor.
9. General Work Contractor will remove any fixed casework in the Mt Kisco rooms scheduled for floor replacement and then reinstall after the new flooring work is completed.
10. Fire Alarm magnetic holders furnished and wired by Electrical contractor, Installed on door by Contract # 1 - General Work Contractor.
11. In addition to daily general housekeeping, the General Work Contractor (Contract #1) shall provide a weekly broom sweep and damp mop of all areas for the entire duration of the project.
12. All new roof curbs to be supplied, assembled and placed on roof by MC. General Work Contractor will cut hole, install steel frame, install wood blocking & flash for watertight installation.
13. General Work Contractor will install floor protections (utilizing heavy duty "Ram-Board" with taped joints, or equivalent) to protect new floor surfaces from damage until

final cleaning and acceptance by owner.

14. Contractor is specifically reminded of their responsibilities for clean up as per Section 017423. Maintaining a clean jobsite is considered a safety issue and will be strictly enforced. In addition to daily cleaning, the contractor is required to hire a professional cleaning company to final clean all areas impacted by the construction. This includes completely cleaning any surfaces/equipment/furniture which has been dusted by the construction work. If the contractor does not properly perform this function when directed by the Owner/CM, within 4 hours of being notified the owner will perform the work with others and deduct the cost from the contractor.

#### **1.5 CONTRACT #2 - MECHANICAL WORK CONTRACT (MC)**

**In addition to the General Requirements, Division 1, included in this bid package contractor shall provide for proper completion of work as indicated on all drawings and in accordance with the terms and conditions described in the following specification sections:**

##### **DIVISION 8 - DOORS AND WINDOWS**

Section 08306 - Fire Rated Access Doors

##### **DIVISION 15 - HEATING, VENTILATING AND AIR CONDITIONING (HVAC)**

15010 - General Mechanical Requirements  
15014 - Codes, Standards, and Permits  
15050 - Basic Mechanical Materials and Methods  
15100 - Valves  
15135 - Thermometers and Gages  
15182 - Steam & Condensate Piping  
15510 - Hot Water Piping  
15530 - Refrigeration Piping Systems  
15650 - Heating, Ventilating, and Air Conditioning  
15656 - Temperature Control Systems  
15657 - Electrical work  
15802 - Inspection, Testing & Balancing  
15806 - Fire Dampers  
15895 - Diffusers, Registers, & Grilles  
15903 - Automatic Temperature Controls  
15990 - HVAC Testing Adjusting and Balancing  
15997 - Mechanical Testing Requirements

##### **DIVISION 16 - ELECTRICAL**

16100 Basic Materials and Methods (for HVAC control wiring only)

Special Notes: Contract # 2 - Mechanical (MC) Work Contractor:

1. Work hours M-F 7:00AM - 4:30PM. Contractor will appropriately man the project to avoid Saturday and Overtime hours which result in Owner, Construction Manager and Architect additional costs.
2. Each prime contractor to include all required insurance coverages as outlined by the General Conditions and front end sections in their base bid. Provide renewals ahead of expiration. No contractors will be allowed onsite if their insurance has expired.
3. Access doors are furnished by Mechanical Contract # 2 and installed by GWC Contract # 1.
4. All HVAC Louvers/vents are supplied and installed by Mechanical Contract # 2. MC will coordinate opening sizes with GWC (Openings /Lintels by GWC).
5. All new roof curbs to be supplied, assembled and placed on roof by Mechanical Contractor. ( GWC will cut hole where located by MC, install steel frame, install wood blocking, flash and provide watertight installation).
6. VFD's, disconnects, starters, etc. supplied by Mechanical Contract will be installed by EC, unless noted otherwise.
6. All HVAC control wiring is provided and installed by Mechanical Contract # 2. (Power wiring by EC)
7. Mechanical Contract # 2 is responsible for making their own through wall and through floor duct/piping penetrations and associated patching/fire-stopping.
8. Fire Alarm Duct detectors supplied and wired by EC (Mechanical Contractor installs the duct detector)
9. Contractor is specifically reminded about their responsibilities for clean-up as per section 017423. Maintaining a clean jobsite is considered a safety issue and will be strictly enforced. In addition to daily cleaning, the contractor is required to hire a professional cleaning company to final clean all areas impacted by the construction. This includes completely cleaning any surfaces/equipment/furniture which has been dusted by the construction work. If the contractor does not properly perform this function when directed by the Owner/CM within 4 hours of being notified the owner will perform the work with others and deduct the cost from the contractor.

**1.6 CONTRACT #3 - ELECTRICAL WORK CONTRACT (EC)**

**In addition to the General Requirements, Division 1, included in**

this bid package contractor shall provide for proper completion of work as indicated on all drawings and in accordance with the terms and conditions described in the following specification sections.

#### **DIVISION 2 - SITE WORK**

Section 02000 - Site Work General Provisions (for Electrical U/G work)  
Section 02200 - Earth Work (for Electrical U/G work)  
Section 02801 - Topsoil, Lawns and Grasses (for any areas disturbed by Electrical work )

#### **DIVISION 3 - CONCRETE**

Section 03300 - CAST IN PLACE CONCRETE (for electrical related work, pads, conduit encasement, site light bases etc.).

#### **DIVISION 8 - DOORS AND WINDOWS**

Section 08306 - Fire Rated Access Doors

#### **DIVISION 26 - ELECTRICAL**

Section 16010 - General Provisions  
Section 16060 - Grounding and Bonding  
Section 16100 - Basic Materials and Methods  
Section 16502 - LED Interior Lighting  
Section 16511 - Firestopping  
Section 16707 - Public Address Sound System  
Section 16720 - Fire Alarm System - Expand Existing System  
Section 16735 - Wireless Clock System  
Section 16995 - Electrical Systems Commissioning

Special Notes: Contract # 3 - Electrical Work Contract (EC)

1. Work hours M-F 7:00AM - 4:30PM. Contractor will appropriately man the project to avoid Saturday and Overtime hours which result in Owner, Construction Manager and Architect additional costs.
2. Each prime contractor to include all required insurance coverages as outlined by the General Conditions and front end sections in their base bid. Provide renewals ahead of expiration. No contractors will be allowed onsite if their insurance has expired.
3. Access doors if needed for electrical are furnished by Electrical Contract # 3 and installed by GC Contract # 1.
4. VFD's, disconnects, motor starters, etc. which are supplied by MC will be installed by Electrical Contractor, unless noted otherwise.



5. All Excavation / Backfill for electrical items (service conduits, U/G conduits, pull boxes, site lighting bases, etc.) is by Electrical Contract # 3. This includes proper backfill, compaction and restoration to original condition for any impacted surfaces.
6. Electrical Contractor to provide GWC with any foundation sleeves and written sketch showing exact height/location(s) with distance from column line and depth below finished slab, within sufficient time for GWC to install. (If information is not provided by EC in time, then core drilling is the responsibility of the EC)
7. Electrical Contract # 3 will relocate existing utilities which are in conflict with the new construction ( e.g. - Bedford Hills Elementary overhead lines to building in conflict with new principal's office, etc ).
8. Fire Alarm magnetic holders furnished and wired by Electrical contract # 3, Installed on door by GWC Contract #1.
9. All systems work is by Electric Contract # 3 - including Fire Alarm, Security, PA system Door hardware, etc. (This includes removal and reinstallation of any devices impacted by new construction work).
10. Any wood blocking or panel backboards for electrical items by EC contract # 3.
11. All Concrete for electrical items is by Electrical Contract #3 (Site Lighting bases, conduit encasement, etc.)
12. Electrical Contract # 3 to provide any wire Fire Alarm duct detectors
13. Electrical Contractor is specifically notified construction is phased which necessitates that utilities & services will need to be temporarily connected and maintained as necessary to ensure that all occupied areas have the required services.
14. Contractor is specifically reminded about their responsibilities for clean-up as per section 017423. Maintaining a clean jobsite is considered a safety issue and will be strictly enforced. In addition to daily cleaning, the contractor is required to hire a professional cleaning company to final clean all areas impacted by the construction. This includes completely cleaning any surfaces/equipment/furniture which has been dusted by the construction work. If the contractor does not properly perform this function when directed by the Owner/CM within 4 hours of being notified the owner will perform the work with others and deduct the cost

from the contractor.

## **1.7 PRIME CONTRACTOR'S USE OF PREMISES**

Use of the Site: Limit use of the premises to work in areas indicated. Confine operations areas within contract limits indicated. Do not disturb portions of the site beyond the areas in which the work is indicated.

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.

Existing building spaces may not be used for storage unless approved by the CM and Owner.

Time Restrictions: Working hours M-F 7:00AM - 4:30PM.

Owner's representative(s) will cover the project for the standard Monday-Friday shift. If contractor requests additional hours to make up schedule time or weekends, he will need to reimburse owner for any additional coverage or costs (e.g. - Architect, Construction Manager, etc.) at their contractual rate.

General: Limitations on site usage as well as specific requirements that impact utilization are indicated on the drawings and by other contract documents. In addition to these limitations and requirements, the Contractor shall administer allocation of available space equitably among the separate sub contractors and other entities needing access and space, so as to produce the best overall efficiency in performance of the total work of the project. The Contractor shall schedule deliveries so as to minimize space and time requirements for storage of materials and equipment on site.

After equipment is no longer required for the work, it shall be promptly removed from the project site. Protection of construction materials and equipment stored at the project site from weather, theft, damage and all other adversity is solely the responsibility of the Contractors.

Do not unreasonably encumber the site with materials or equipment. Confine stockpiling of materials and location of storage sheds to the areas indicated. If additional storage is necessary, obtain and pay for such storage off-site.

The Contractor(s) and any entity for which the Contractor is responsible shall not erect any sign of the Project site without the prior written consent of the Owner, which may be withheld in the sole discretion of the Owner.

Contractor shall ensure that the work, at all times, is performed in a manner that affords reasonable access, both vehicular and pedestrian, to the site of the work and all adjacent areas. The work shall be performed, to the fullest extent reasonably possible, in such a manner that public areas adjacent to the site of the work shall be free from all debris, building materials and equipment likely to cause hazardous conditions. Without limitation of any other provision of the Contract Documents, contractor shall use its best efforts to minimize any interference with the occupancy or beneficial use of: Any areas and buildings adjacent to the site of the work or; The Building in the event of partial occupancy.

Maintain the building in a safe and weathertight condition throughout the construction period. Repair damage caused by construction operations. Take all precautions necessary to protect the building during the construction period.

Each Prime contractor is responsible for maintaining a safe jobsite. This include actively reviewing their work areas to ensure that they are in compliance with all required OHSA regulations. It is a contract requirement that each contractor conducts weekly tool-box safety meetings to ensure that their employees are properly educated and utilizing safe work practices. (Copies of these weekly meetings and a list of the attendees will be forwarded to the CM site superintendent on a weekly basis). Contractors will comply with all requirements outlined in the General Conditions including providing their employees with PPE (personal protective equipment), such as masks, hand sanitizer for COVID, hard hats, proper work boots, safety harness, safety glasses, etc.

Smoking, drinking of alcoholic beverages or open fires will not be permitted on the project site.

Utility Outages and Shutdown:

- a. Limit disruption of utility services to hours the building is unoccupied, weekends or holidays at no additional cost.
- b. Do not disrupt or shut down life safety systems, including but not limited to fire sprinklers and fire alarm system, without 7 days' notice to Bedford CSD and authorities having jurisdiction.
- c. Prevent accidental disruption of utility services to other facilities.
- d. All costs for manning of temporary shutdowns and utility crossovers, including 24-hour fire watch if necessary, is included in the contractor's bid regardless of weekend, holiday, etc.

## 1.8 OCCUPANCY REQUIREMENTS

Partial owner Occupancy: The Owner reserves the right to occupy the place and install equipment in completed areas of the work 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.

The Architect will prepare a Certificate of Substantial Completion for each specific portion of the Work to be occupied prior to Owner occupancy.

Obtain a Certificate of Occupancy from local building officials prior to Owner occupancy.

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.

Upon occupancy, the Owner will assume responsibility for maintenance and custodial service for occupied portions of the building.

## **1.9 Not used**

## **1.10 DEFINITIONS**

Definitions as applied to "Contractors" involved with the work of this Project:

"The Contractor" or "Contractor" meaning that Respective Prime Contractor normally responsible for that work referenced;

"Respective Prime Contractor" meaning either the - General Contractor, Plumbing, HVAC , Electrical , Sitework, Fire Protection Contractors normally responsible for the referenced work;

"Trade Contractor" meaning that Respective Prime Contractor as above; and such other terms relating to Contractors to be taken in context with respect to referenced work.

Further, wherein said Division 0 and 1 and respective Sections therein, any reference is made to "General Contractor", same shall be construed to mean "Contractor for the General Construction, or General Work Contractor".

The Owner cannot guarantee the correctness of the existing conditions shown and assumes no responsibility therefore, it

shall be the responsibility of the Contractor to visit the site and verify all existing conditions prior to bid.

The Owner will purchase certain items required for the overall operation of this facility through outside vendors.

The Contractor(s) will cooperate with said vendors as may be necessary to permit the work to be accomplished.

- a. The cooperation may extend to the receiving, unloading and placement of said equipment if directed by the Owner.
- b. Each Contractor is advised that the Owner may enter into separate contracts as may be in their best interest.
- c. Each Contractor is further advised that there will be a full on-site Project Representative / Construction Manager, whose duties will be defined at the pre-construction meeting.

#### ADDITIONAL SECURITY PROVISIONS.

1. All Contractors' employees shall use a single means of access and egress, except in the case of emergency, to be designated by the Construction Manager.
2. Each Contractor and each Subcontractor shall require his employees, while on the job site, to wear, in a conspicuous location, a photo I.D. button bearing the name of the employee and the Contractor. The buttons of each Contractor shall be numbered consecutively. An up-to-date list of all I.D. buttons, indicating the name and number for each employee, shall be furnished to the Construction Manager.

#### 1.12 ASBESTOS AND LEAD PAINT AWARENESS REQUIREMENTS

Contractor agrees not to use or permit the use of any asbestos containing material in or on any property belonging to the Owner.

For purposes of this requirement, asbestos free shall mean free from all forms of asbestos, including - actinolite, amosite, anthrophyhllite, chrysotile, cricidolite and tremolite, both in friable and non-friable states and without regard to the purposes for which such material is used.

#### 1.13 CONSTRUCTION TIME AND PHASING REQUIREMENTS

Each Contractor is advised the "time is of the essence" of the Contract as defined in the "General Conditions" for the completion of the construction of the facility.

It is understood that the work is to be carried through to completion with the utmost speed consistent with good workmanship.

Time of Completion shall be as established in the Milestone Schedules (Section 011100).

The Contractor shall maintain fences and barricades at all times and shall repair/ restore and/ or pay for any temporary fencing damaged by their work.

Maintain at all times, all exits and walkways.

Where the barricade is removed for work, the Contractor performing such work shall provide adequate safety personnel to prevent unauthorized persons from approaching the work area.

#### Construction Phasing

The phasing and/ or milestone schedule contained in Section 011100 has been established for the overall construction of the project.

Electrical and mechanical services to the functioning spaces shall be maintained at all times.

Swing-overs to new facilities shall be made so as to cause the least interruption to the facilities' operations.

1. The Contractor shall provide and maintain all required separations between old and new construction to prevent: Unauthorized entrance to construction areas by others than Architect, Construction Manager, or Owner, heat loss from existing building, water (rain or ground) infiltration into existing building.
2. Exterior alteration and restoration, as required, may proceed outside of phasing schedule at the Contractor's option with concurrence from the Architect, Construction Manager and Owner.
3. Site development work shall proceed in such a manner to cause the least amount of disruption to the ongoing operations as possible.

#### 1.14 PROOF OF ORDERS, DELIVERY DATES AND SUPPLY CHAIN TRACKING - Coordinate with Sections 013300 and 013216.

Within 2 weeks after the approval of shop drawings, samples, product data and the like, the Contractor shall provide copies of purchase orders for all equipment and materials which are not available in local stock. The Contractor shall submit written statements from suppliers confirming the orders and stating promised delivery dates. Failure to provide this critical information will result in Owner holding monthly requisition payments until received.

**Due to COVID-19 and it's potential to disrupt material supply-chains, the contractors are required to obtain all materials for the project and store them onsite in their individually provided Conex boxes. This includes general material items typically readily available (piping,**

conduits, wire, metal studs, etc.). The owner will pay for these stored items delivered to the jobsite in accordance with Section 012900.

This information shall be incorporated within the progress schedules so required as part of Section 013216 and 013300 and shall be monitored so as to ensure compliance with promised dates.

#### 1.15 FIELD MEASUREMENTS

Each Respective Contractor shall take all necessary field measurements prior to fabrication and installation of work and shall assume complete responsibility for accuracy of same.

#### 1.16 INITIAL SUBMITTAL REQUIREMENTS

As outlined in Division 01, each Contractor shall provide items noted including - bonds, insurance, emergency telephone numbers, progress scheduling, schedules of submittals, subcontractor listings and the like prior to the start of any work. The owner will not issue contracts until all bonds and insurance information is received by the contractor and verified correct.

#### 1.17 SCHEDULES

The milestone schedule presented in the documents is for bidding and general purposes. Due to the nature of the work, it is the intention of the Construction Manager to negotiate actual work periods for the project among the various Prime Contractors involved with this bidding process, as well as separate contractors involved with other phases of the work solicited under separate proposals. Each Contractor shall, under terms of the General Conditions, mutually cooperate in the rescheduling of work to permit an uninterrupted use of the facilities by the Owner, without additional cost to the Owner.

General:

1. The objective of this project is to complete the overall work in the shortest period of time and to protect the building and occupants from damages caused by weather and construction activity during the progress of the work.
2. To meet these objectives, the Contractor shall plan the work, obtain materials, and execute the construction in the most expeditious manner possible in accordance with the requirements listed below.
3. If the Contractor fails to expedite and pursue any part of the work, the Owner may terminate the contract or may carry out the work with others per the General Conditions.
4. The Contractor shall work in coordination with work of other

Contractors and Owner

5. All contractors are required to comply with proper sequencing of work and provide other prime contractors sufficient time to install their work (e/g/-metal stud walls get fully framed; MEP contractors perform roughing/testing/inspections; then walls are sheathed with gypsum - no sheetrocking one side unless CM approved). If contractor "boxes out" another prime contractor, he will be directed to stop work and open if necessary, to enable other trades to complete their work. No compensation for lost time due to stop-work will be provided.

Milestone Schedule (See Section 01 11 00).

#### **1.18 ADDITIONAL REQUIREMENTS**

The following are additional general and special requirements which will govern the work of the projects covered by these Documents.

1. If it appears that some of the work cannot be completed by the scheduled date, the Contractor shall increase the work force or increase the hours of work, including evenings and weekends as necessary, and cover any additional costs to the Owner, architect and Construction Manager.
2. If the work is complete but the area is not cleaned and debris or equipment is not removed, the Owner shall have the right to prepare the area for occupancy with his own forces and deduct the costs from the Contract Amount. (If Contractor does not respond within 4 hours' notice).
3. If the Contractor fails to staff the job adequately to meet the completion date, the Owner reserves the right to assume possession of the material and complete installation with the Owner's forces or other Contractors or to require the Contractor to work evenings and weekends at no additional cost.
4. The jobsite may be made available on weekends and evenings to allow the Contractor additional time to complete the work before final completion date. Any custodial or Construction Manager costs resulting in this after-hours scheduling will be the Contractor's responsibility as their contractual hourly rate.
5. Work in each work period shall progress at least at a pace in proportion to the Contract time available.
6. The Contractor is responsible for temporary protection of all work until acceptance.
7. All existing conditions must be verified in the field. The Owner takes no responsibility for actual conditions found deviating from the drawings. If existing condition interferes with contract work, contractor is responsible to eliminate this condition.



8. Contractor must plan, provide and maintain his own access, ramping, and egress as required into and out of the site, staging of trailer(s), materials, machinery, and equipment in agreement with the Construction Manager's Superintendent. Maintain free and safe access on the jobsite for other related project personnel. Maintain safe pedestrian or vehicular traffic must be regulated by a flagman. Trucking and delivery operation should be coordinated with Construction Manager's Superintendent and all other trades.
9. Contractor is responsible for all work shown on Contract Documents, including drawings of other trade disciplines. For example, the HVAC Contractor will be responsible for HVAC work shown on Architectural Drawings.
10. Contractor is responsible to maintain existing site fencing in its existing condition. Modifications to the fence to better accommodate the contract work can be discussed with the Construction Manager. These changes shall then be handled by this contractor at his expense and in accordance with the Construction Manager's Superintendent's direction. Any cost incurred as a result of damages shall be charged to this contractor.
11. Contractor's personnel will not be permitted to use the Bedford Central School District's facilities (including toilet, telephone, food services, etc.) for their own benefit. Contractors' Superintendent must explain this to all their field forces.
12. Time is of the essence. Contractors' proposed schedule must be approved by the Construction Manager. Contractor shall indicate significant events such as submittals, shop drawings, material ordering, fabrication, delivery, coordination precedents, installation, testing and turnover by area or system as agreed with Construction Manager. A revised progress status shall be required on a weekly basis.
13. Decisions required from the Construction Manager, Architect and/or Engineer, shall be anticipated by the Contractor to provide ample time for inspection, investigation or detailed drawings.
14. Contractor shall limit his operations including storage of materials and prefabrication to areas within the Contract Limit Lines unless otherwise permitted by the Construction Manager at the Owner's option.
15. Contractor shall coordinate the use of premises with the Owner and Construction Manager and shall move at his own expense any stored products under Contractor's control, including excavated material, which interfere with operations of the Owner or separate contractors.
16. Contractor shall obtain and pay for the use of additional storage of work areas needed for operations.

17. Contractor shall assume full responsibility for the protection and safekeeping of products under this Contract stored on the site and shall cooperate with the Construction Manager to ensure security for the Owner's Property.
18. The intention of the work is to follow a logical sequence; however, the Contractor may be required by Construction Manager to temporarily omit or leave out any section of his work, or perform his work out of sequence. All such out of sequence work and come back time to these areas shall be performed at no additional cost.
19. Contractor shall submit a three-week schedule (man-loaded by work activity and area) to Construction Manager each week. Contractor's representative shall attend a weekly meeting with all contractors, chaired by Construction Manager, for the purpose of job coordination and sequencing. Contractor is responsible to coordinate the job with other trades and Construction Manager, and to cooperate with other trades in pursuit of the overall project's shop drawings and actively participate in resolving discrepancies, conflicts, interferences, etc.
20. Each Prime Contractor shall prepare an overall job schedule for his portion of work upon award of Contract, as per section 013216 - Construction Progress Schedule.
21. Sufficient manpower shall be provided at all times to maintain progress of the job. A shortage of labor in the industry shall not be accepted as an excuse for not properly manning the job.
22. The contractor shall take special care in verifying that his equipment matches the characteristics of the power being supplied.
23. Any contractor personnel including project managers, supervisors, etc. who engage in any personal attacks, belligerent or threatening speech/texts, etc., to the owner, or any of its agents, will be removed from working on the project.
24. Insubordination, unsafe practices, horseplay, abusive behavior or language, wanton destruction of property, use of drugs or alcohol, possession of firearms, and solicitation shall not be tolerated. There will be no warnings, and Contractor shall designate a responsible on-site supervisor to handle any situations that may arise, including termination.
25. Each contractor is responsible to supply and install all wood blocking/bracing necessary to properly secure their work. This responsibility includes coordinating the installation in concealed areas without delaying other trades.
26. Union business shall not be conducted on site. Any Union representatives that visit the site must declare what

Contractor's personnel they represent, and must be escorted by that Contractor's Union steward at all times. No visitors, sales representative or non-working personnel shall be permitted on site without prior consent of the Construction Manager. No photographs shall be taken without the Construction Manager's prior approval.

27. Organize daily clean ups as well as participating in a weekly joint clean up involving all prime contractors onsite. Clean up shall be considered a safety issue. If any contractor fails to keep the site safe and brook clean within 4 hours of being notified by the Construction Manager, either verbally or in writing, the Construction Manager will have the cleanup work performed by others and will back charge accordingly.
28. Contractor shall provide protection from damage to adjacent and adjoining work and/or structures. Contractor shall clean, repair and/or replace any damage for which this contractor is responsible.
29. Contractor shall submit hourly rate sheets that would apply to time and material work for all pertinent trades upon Award of Contract.
30. Contractor shall examine surfaces and conditions prior to start of work. Report unacceptable conditions to the Construction Manager. Do not proceed until unacceptable conditions are corrected and acceptable. Starting of work implies acceptance.
31. Upon removal of exterior walls and window units, the building security and weather protection is the responsibility of the prime contractor performing the removals.
32. Each Prime Contractor shall include general housekeeping of light debris. All debris from each Prime Contractor will be collected daily and disposed of into their dumpsters. **In addition to daily general housekeeping, the General Work Contractor (Contract #1) shall provide a weekly broom sweep and damp mop of all areas for the entire duration of the project.** The broom sweep shall include debris from all trades working on site.
33. It is the responsibilities of all Prime Contractors to review the entire summary of work and remaining documents for additional work items.
34. SLEEVES AND SLEEVE LAYOUT - It is the responsibility of the Prime Contractor requiring a sleeve to provide the sleeve and a layout sketch to the Prime Contractor performing the construction activity that the sleeve goes in.
35. Each contractor is responsible to review and become familiar with the scope of work included in all Contracts.

36. Limited site space is available in areas as designated by the Construction Manager. Construction trade parking is not permitted in Owner's employee parking lot.
37. Each contractor shall provide the engineering layout required to properly complete his work from an established working point. Contractor shall employ only competent engineering personnel skilled in performing layout tasks of similar complexity.
38. Prior to commencing the work, each Contractor shall provide written acceptance of grades, structures, substrates, and/or systems installed by other Contractors as suitable for installation of his work. Failure to provide this verification prior to commencing work shall constitute acceptance of the existing conditions.
39. Each Contractor shall coordinate with the Construction Manager for lay down areas, staging areas, and overall use of project site.
40. All contractors and their employees, subcontractors and supplier are expressly prohibited from entering the occupied areas of the school buildings during school hours without prior written permission of the Construction Manager and for using any of its facilities (i.e. restrooms, cafeteria, etc.).
41. Each contractor is responsible for the timely provision of the information required by other Contractors for the progress of other Contractors' work.
42. All contractor foremen must have working cell phone and number provided to CM.
43. No recycled import fill materials are permitted.

PART 2 - PRODUCTS (NOT USED)

PART 3 - EXECUTION (NOT USED)

END OF SECTION 011000