

SECTION 01 1000
SUMMARY OF CONTRACTS

PART 1 GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General Conditions and other Division 1 Specification Sections, apply to all Sections of the specifications.

1.2 PROJECT

- A. Project Name: Flood Repairs and Related Work
- B. Owner's Name: Port Chester-Rye UFSD.
- C. Architect's Name: Fuller and D'Angelo P.C..
- D. The Project consists of the Flood Repairs and Related Work, at the John F. Kennedy Elementary School, 40 Olivia Street, Port Chester New York 10573.

1.3 DEFINITIONS

- A. Refer to General Conditions and Section 01 4216 for Definitions.

1.4 CONTRACT DESCRIPTION

- A. Contract Type: Multiple contracts are separate contracts, representing significant construction activities, between Owner and separate contractors. Each contract is performed concurrently and coordinated closely with construction activities performed on Project under other contracts. Contracts for this Project include the following
 1. Contract #1 General Construction
 2. Contract #2 Plumbing
 3. Contract #3 HVAC
 4. Contract #4 Electrical
- B. The work of each Contractor is identified in this Project Manual and on the Drawings.
- C. Local custom and trade-union jurisdictional settlements do not control the scope of Work included in each prime contract. When a potential jurisdictional dispute or similar interruption of work is first identified or threatened, the affected contractor(s) shall promptly negotiate a reasonable settlement to avoid or minimize the pending interruption and delays.
- D. If it becomes necessary to refer to the contract documents to determine which prime Contract includes a specific element of required work, begin by referring to the prime Contracts, themselves; then, if a determination cannot be made from the prime Contracts, refer, in the following order, to the Supplementary Conditions, if any, this section of the Specifications, followed by the other Division-1 sections and finally with the Drawings and other Sections of the Specifications.
- E. If, after referring to the contract documents, it cannot be clearly determined which prime Contractor will perform a specific item of required work, then, that item of work will be brought to the Owner's Representative or Architect's attention in writing for determination.
- F. Summary by References: Work of the contract can be summarized by reference to the Prime Contract(s), Contract, General Conditions, Instructions to Bidders, Specification Sections, Drawings, or Addenda to Contract Documents issued subsequent to the initial printing of this Project Manual, and including but not necessarily limited to printed material referenced by any of these. It is recognized that the work of the Contract is unavoidably affected or influenced by governing regulations, natural phenomenon, including weather conditions, and other forces outside the contract documents.

1.5 RELATED REQUIREMENTS

- A. Section 00 5200 - Agreement Form: Contract Sum, retainages, payment period, monetary values of unit prices.

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- B. Section 00 7200 - General Conditions : Additional requirements for progress payments, final payment, and Changes in the Work.
- C. Section 01 1000 - Summary of Contracts
- D. Section 01 1010 - Milestone Schedule.
- E. Section 01 2000 - Price and Payment Procedures.
- F. Section 01 2100 - Allowances, if any.
- G. Section 01 2200 - Unit Prices: Monetary values of unit prices, payment and modification procedures relating to unit prices.
- H. Section 01 2300 - Alternates: Payment procedures relating to alternates, if any.
- I. Section 01 3553 - Site Safety and Security Procedures.
- J. Section 01 5000 - Temporary Facilities and Controls.
- K. Section 01 5510 - Traffic and Pedestrian Access & Control.
- L. Section 01 5500 - Vehicular Access and Parking.
- M. Section 01 5713 - Temporary Erosion and Sediment Control
- N. Section 01 7000 - Execution.
- O. Section 01 7900 - Demonstration and Training
- P. Section 01 9113 - General Commissioning Requirements

1.6 JURISDICTIONAL DISPUTES

- A. It is not the intention of these specifications to transgress the jurisdictional arrangements regarding the division of work between the several trades. Should it appear, however, that these specifications imply that other trades are to perform work which is claimed by any other trades, each Contractor shall notify the Owner's Representative and Architect of such fact when submitting his proposal, indicating the additional amount required to include the work in question in the Base Bid. In the event that no such notification is received prior to an acceptance of the Contractor's Proposal, it will be construed that the specifications imply nothing which is unacceptable to the various trades and no extra payments on this account will be granted to any Contractor during the progress of the job.
- B. Each Contractor shall only employ labor on the project or in connection with its work capable of working harmoniously with all trades, crafts and any other individuals associated with the capital improvement work to be performed. There shall be no strikes, picketing, work stoppages, slowdowns or other disruptive activity at the project for any reason by anyone employed or engaged by the Contractor to perform its portion of the work. There shall be no lockout at the project by the Contractor. The Contractor shall be responsible for providing the manpower required to proceed with the work under any circumstance. Should it become necessary to create a separate entrance for a contractor involved in a labor dispute, all costs associated with creating that entrance shall be borne by the contractor involved in the dispute. Such costs shall include, but not be limited to, signage, fencing, temporary roads and security personnel as deemed necessary by the Owner for the safety of the occupants of the site.
- C. If the Contractor has engaged the services of workers and/or subcontractor who are members of trade unions, the Contractor shall make all necessary arrangements to reconcile, without delay, damage or cost to the Owner and without recourse to the Owner, Owner's Representative, and Architect, any conflict between its agreement with the Owner and any agreements or regulations of any kind at any time in force among members or councils which regulate or distinguish what activities shall not be included in the work of any particular trade.
- D. The Contractor shall ensure that its work continues uninterrupted during the labor dispute and will be liable to the Owner for all damages suffered by the Owner occurring as a result of work stoppages, slowdowns, disputes or strikes

1.7 SUBCONTRACTORS/SUPPLIERS

- A. Submittal of Primary Sub Contractors and Suppliers include but not limited to the following:
 - 1. Construction Contractor:
 - a. Hollow Metal Steel Doors.
 - b. Hollow Metal Door Frames
 - c. Hardware Supplier and Installer.
 - d. Gypsum Wallboard Assemblies
 - e. Acoustical Tile.
 - f. Resilient Flooring
 - g. Ceramic Tile.
 - h. Painting
 - i. Plastic Laminate Casework
- B. Plumbing Contractor:
 - 1. Plumbing equipment/Suppliers.
 - 2. Piping.
 - 3. Insulation
- C. HVAC Contractor:
 - 1. HVAC Equipment/Suppliers.
 - 2. Ductwork.
 - 3. Piping.
 - 4. Insulation
 - 5. ATC.
- D. Electrical Contractor:
 - 1. Conduit and devices.

1.8 DESCRIPTION OF ALTERATIONS WORK

- A. Scope of alterations work is indicated on drawings.
- B. Plumbing: As indicated in Division 22.
- C. HVAC: As indicated in Division 23.
- D. Electrical Power and Lighting: As indicated in Division 26.
- E. Fire Alarm, PA, Smoke Detectors: Testing existing devices.

1.9 OWNER OCCUPANCY

- A. Port Chester-Rye UFSD intends to continue to occupy adjacent portions of the existing building during the entire construction period.
- B. Port Chester-Rye UFSD intends to occupy the Project upon Substantial Completion.
- C. Cooperate with Owner's Representative and Architect to minimize conflict and to facilitate Port Chester-Rye UFSD's operations.

1.10 CONTRACTORS USE OF SITE AND PREMISES

- A. Construction Operations: Limited to areas noted on Drawings.
- B. Arrange use of site and premises to allow:
 - 1. Port Chester-Rye UFSD occupancy.
 - 2. Work by Others.
 - 3. Work by Port Chester-Rye UFSD.
 - 4. Use of site and premises by the public.

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- C. Provide access to and from site as required by law and by Port Chester-Rye UFSD:
 - 1. Emergency Building Exits During Construction: Keep all exits required by code open during construction period; provide temporary exit signs if exit routes are temporarily altered.
 - 2. Do not obstruct roadways, sidewalks, or other public ways without permit.
- D. Existing building spaces may not be used for storage unless approved by the Owner's Representative.
- E. Time Restrictions:
- F. Contractors shall comply with Local Noise Ordinance. Work disrupting the community must be performed with the following hours:
 - 1. Monday thru Friday: 8 AM to 8 PM.
 - 2. Weekends/ Holidays: 9 AM to 6 PM.
- G. Construction deliveries shall not occur during the hours of 7:30 AM and 9:00 AM and 2:00 PM and 3:00 PM, when school buses are arriving or leaving the school grounds.
- H. During the entire construction period the Prime Contractors shall have the use of the premises for construction operations, including use of the site as indicated in milestone schedule and work time included in this section.
 - 1. General: Limitations on site usage as well as specific requirements that impact utilization are indicated on the drawings and/or by other contract documents. In addition to these limitations and requirements, the Prime Contractors shall administer allocation of available space equitably among the separate prime or sub and other entities needing access and space, so as to produce the best overall efficiency in performance of the total work of the project. Each Prime Contractor shall schedule deliveries so as to minimize space and time requirements for storage of materials and equipment on site.
 - 2. The Prime Contractors shall limit their use of the premises to the work indicated, so as to allow for Owner occupancy and use by the public during the period when the Owner occupies the building.
 - 3. Prime Contractors shall to maintain clear and unobstructed paths of exit discharge from all existing exits.
 - 4. Driveways and Entrances: Keep driveways and entrances serving the premises clear and available to the Owner, Owner's Representative, Owner's employees, emergency vehicles, and public at all time. Do not use these areas for parking or storage of materials.
 - 5. Lock automotive type vehicles such as passenger cars and trucks and other types of mechanized and motorized construction equipment, when parked and unattended, to prevent unauthorized use. Do not leave such vehicles or equipment unattended with the motor running or the ignition key in place.
- I. Only materials and equipment, which are to be used directly in the work, shall be brought to and stored on the project site by the Contractor. 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.
- J. Do not unreasonably encumber the site with materials or equipment. Confine stockpiling of materials and location of storage sheds to the areas designated by Owner's Representative. If additional storage is necessary obtain and pay for such storage off-site.
- K. The Contractor(s) and any entity for which the Contractor is responsible shall not erect any sign on the Project site without the prior written consent of the Owner's Representative which may be withheld in the sole discretion of the Owner's Representative.
- L. 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, each contractor shall use its best efforts to minimize any interference with the occupancy or beneficial use of:

1. Any areas and buildings adjacent to the site of the work or;
 2. The Building in the event of partial occupancy as more..
- M. Without prior approval of the Owner's Representative, each Contractor shall not permit any workers to use any existing facilities at the Project site, including, without limitations, lavatories, toilets, entrances and parking areas other than those designated by the Owner's Representative. Without limitation of any other provision of the Contract Documents, the Contractor shall use its best efforts to comply with the rules and regulations promulgated by the Owner's Representative in connection with the use and occupancy of the Project Site, and the Building, as amended from time to time. The Contractor shall immediately notify the Owner's Representative in writing if during the performance of the Work, the Contractor finds compliance with any portion of such rules and regulations to be impracticable, setting forth the problems of such compliance and suggesting alternatives through which the same results intended by such portions of the rules and regulations can be achieved. The Owner's Representative may, in the Owner's Representative's sole discretion, adopt such suggestions, develop new alternatives or require compliance with the existing requirements of the rules and regulations. The Contractor shall also comply with all insurance requirements, applicable to use, and occupancy of the Project Site and the Building.
- N. Maintain the existing 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 and its occupants during the construction period. When work is scheduled after hours clean and remove all temporary barriers and protection so that the building can be occupied the following day when normal building occupancy will occur.
- O. Keep public areas such as hallways, stairs, elevator lobbies, and toilet rooms free from accumulation of waste material, rubbish or construction debris.
- P. Smoking, drinking of alcoholic beverages or open fires will not be permitted on the project site.
- Q. Utility Outages and Shutdown:
1. Limit disruptions, shut downs, switch overs, etc. of utility services to hours the building is unoccupied, Saturdays, Sunday and/or holidays.
 2. Do not disrupt or shut down life safety systems, including but not limited to fire sprinklers, fire alarm system, electrical, data, and heating system, without 7 days notice to Owner's Representative and Construction Manager and authorities having jurisdiction.
 3. Prevent accidental disruption of utility services to other facilities.

1.11 AVAILABILITY OF EXISTING BUILDING

- A. The existing building work areas will be available to the Contractor(s) as follows:
1. Award of Contract thru Start of Construction:
 - a. 7:00 AM thru 4:30 PM Monday thru Friday .
 2. Start of Construction thru Substantial Completion:
 - a. 7:00 PM **thru 10:30 0 Monday thru Friday** only when programs and school occupancy are not disrupted and with the approval of the Owner's Representative .
- B. Upon request by the Contractor, the building may be made available, at the discretion of the Owner's Representative and at the Cost to the Contractor, during such times as are allowed by local noise ordinance, in addition to the above listed hours. A request for use during these off-regular hours must be made at least two (2) days before the use. Such off-hours may include Saturdays, and Holidays.
1. If the Contractor requests the use of the facility for off-hours to maintain the scheduled completion date, the Contractor shall pay all additional costs in connection with opening, providing security and project management expenses incurred with no costs to the Owner and Owner's

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Representative. All expenses shall be deducted from the Contractors contract price. Comply with other portions of this Section.

2. Weekend, Holiday and Night Work:
 - a. The contractor shall make no claim for delay for the inability of the Owner to make the site available for off-hours work. Should the Owner make the site available during these hours at the contractor's request, the cost will be borne by the Contractor.
- C. ALL CONTRACTORS SHALL BE REQUIRED TO PERFORM SCHEDULED WORK WITHIN THE EXISTING BUILDING ONLY DURING THE TIME PERIODS INDICATED AND SHALL INCLUDE IN THE BID ALL COSTS FOR LABOR, MATERIAL, ETC. INCLUDING PREMIUM TIME TO PERFORM THE WORK, PER PHASE PER TIME PERIOD.

1.12 WORK SEQUENCE

- A. Refer to Section 01 1010 - Milestone Schedule.
- B. COVIS-19
 1. Due to the ongoing COVIS-19 pandemic and the resulting uncertainty with regard to (a) when the Owner's schools will be in session during 2020, (b) what restrictions, if any, will be applicable to construction activities on the Owner's property due to State, Federal or Local orders, laws, regulations or rules related to the COVIS-19 pandemic (including but not limited to social distancing, cleaning and disinfection requirements) and (c) the duration of any restrictions imposed on construction activities, the Owner may modify the construction schedule set forth in the Contract Documents and the Contractor acknowledges and agrees that there shall be no additional compensation paid by the Owner for schedule modifications caused directly or indirectly by the COVIS-19 pandemic. The Contractor further acknowledges and agrees that the sole remedy for any schedule modifications caused directly or indirectly by the COVIS-19 pandemic shall be an extension of time, if warranted.
 2. In the event that due to the ongoing COVID-19 and school continuing to be **not** in session, the facilities will be made available to the Contactor earlier than the proposed schedule; subject to any restrictions imposed by Federal, State or Local laws, regulations and rules. The completion dates will remain unchanged.

1.13 SPECIFICATION SECTIONS APPLICABLE TO ALL CONTRACTS

- A. Unless otherwise noted, **ALL Provisions of Division 00 and 01 listed below apply to all contracts.** Specific items of work listed under individual contract descriptions constitute exceptions.

- B. **DIVISION 00 - PROCUREMENT AND CONTRACTING REQUIREMENTS**

- 00 0115 LIST OF DRAWING SHEETS
- 00 2113 INSTRUCTIONS TO BIDDERS
- 00 2115 RFI FORM
- 00 4100 BID FORM – CONTRACT #1 GENERAL CONSTRUCTION CONTRACTOR
- 00 4110 BID FORM – CONTRACT #2 PLUMBING CONTRACTOR
- 00 4120 BID FORM – CONTRACT #3 HVAC
- 00 4130 BID FORM – CONTRACT #4 ELECTRICAL CONTRACTOR
- 00 4401 QUALIFICATIONS OF BIDDERS
- 00 4460 CERTIFICATION OF COMPLIANCE WITH THE IRAN DISINVESTMENT ACT
- 00 4470 DECLARATION OF BIDDER'S INABILITY TO PROVIDE CERTIFICATION OF COMPLIANCE WITH THE IRAN DIVESTMENT ACT.
- 00 4476 INSURANCE CERTIFICATION
- 00 5200 FORM OF AGREEMENT
- 00 6000 BONDS AND CERTIFICATES
- 00 7200 GENERAL CONDITIONS

C. DIVISION 01 - GENERAL REQUIREMENTS

- 01 1000 SUMMARY OF CONTRACTS
- 01 1010 MILESTONE SCHEDULE
- 01 2000 PRICE AND PAYMENT PROCEDURES
- 01 2005 PARTIAL RELEASE OF LIEN
- 01 2100 ALLOWANCES
- 01 2500 SUBSTITUTION PROCEDURES
- 01 3000 ADMINISTRATIVE REQUIREMENTS
- 01 3306 NON-DISCRIMINATION CLAUSES
- 01 3307 SED SPECIAL REQUIREMENTS
- 01 3553 SITE SAFETY AND SECURITY PROCEDURES
- 01 3554 PREVAILING WAGE RATES
- 01 4000 QUALITY REQUIREMENTS
- 01 4100 REGULATORY REQUIREMENTS
- 01 4216 DEFINITIONS
- 01 4219 REFERENCE STANDARDS
- 01 4533 SPECIAL INSPECTIONS AND STRUCTURAL TESTING
- 01 5000 TEMPORARY FACILITIES AND CONTROLS
- 01 5213 FIELD OFFICES AND SHEDS
- 01 5500 VEHICULAR ACCESS AND PARKING
- 01 6000 PRODUCT REQUIREMENTS
- 01 6116 VOLATILE ORGANIC COMPOUND (VOC) CONTENT RESTRICTIONS
- 01 7000 EXECUTION
- 01 7419 CONSTRUCTION WASTE MANAGEMENT AND DISPOSAL
- 01 7600 PROCEDURES AND SPECIAL CONDITIONS FOR SEPARATE PRIME CONTRACTS
- 01 7800 CLOSEOUT SUBMITTALS
- 01 7900 DEMONSTRATION AND TRAINING

D. APPENDIX

- 1. 155.5 UNIFORM SAFETY STANDARDS FOR SCHOOL CONSTRUCTION AND MAINTENANCE

1.14 CONTRACT #1 - GENERAL CONSTRUCTION

- A. The work of the General Construction Contract includes but not limited to the following:

DIVISION 03 CONCRETE

- 03 5400 CAST UNDERLAYMENT

DIVISION 06 - WOOD, PLASTICS, AND COMPOSITES

- 06 1000 ROUGH CARPENTRY

DIVISION 07 – THERMAL AND MOISTURE PROTECTION

- 07 8400 FIRESTOPPING
- 07 9200 JOINT SEALANTS

DIVISION 08 OPENINGS

- 08 1113 HOLLOW METAL DOORS AND FRAMES
- 08 3100 ACCESS DOORS AND PANELS
- 08 7100 FINISH HARDWARE

DIVISION 09 FINISHES

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- 09 2116 GYPSUM BOARD ASSEMBLIES
- 09 3000 TILING
- 09 5100 ACOUSTICAL CEILINGS
- 09 6500 RESILIENT FLOORING
- 09 9123 INTERIOR PAINTING

DIVISION 10 – SPECIALTIES

- 10 1100 VISUAL DISPLAY BOARDS
- 10 1400 SIGNAGE
- 10 2113 PLASTIC TOILET COMPARTMENTS
- 10 2800 TOILET AND BATH ACCESSORIES
- 10 4400 FIRE PROTECTION SPECIALTIES

DIVISION 12 FURNISHINGS

- 12 2940 ROLLER SHADES
- 12 3200 PLASTIC LAMINATED CASEWORK
- 12 3600 SOLID SURFACING COUNTERTOPS

B. Special Notes: Contract #1 - GENERAL CONSTRUCTION

1. Access doors furnished by trade requiring access; installation by General Contractor in new walls, floor, ceiling, etc., Access door required in existing walls, floors, ceilings, etc., shall be furnished and installed by the General Contractor.
2. All existing ceiling removal /replacements necessary to install General Contractor work will be by General Contractor including temporary support for all lighting fixtures, smoke detectors, etc.
3. General Contractor and subcontractors will not be allowed to use existing or new plumbing fixtures to wash out mortar pans, grout, adhesives, etc.
4. All staging area work as indicated on drawings is by General Contractor, except temporary power.
5. General Contractor is responsible to provide negative air machines to ventilate all work areas during tasks involving odors, dust, fumes (epoxy floor, painting, etc.)
6. Temporary partitions and doors shall be removed by the General Contractor at the completion of the work.

1.15 CONTRACT #2 - PLUMBING

A. Work in the Plumbing Contractor Contract #2 includes, but is not limited to, the following:

1. DIVISION 03 - CONCRETE
 - a. 03 5400 CAST UNDERLAYMENT
2. DIVISION 06 - WOOD, PLASTICS, AND COMPOSITES
 - a. 06 1000 ROUGH CARPENTRY
3. DIVISION 07 - THERMAL AND MOISTURE PROTECTION
 - a. 07 8400 FIRESTOPPING
 - b. 07 9200 JOINT SEALANTS
4. DIVISION 22 – PLUMBING
 - a. 22 0100 GENERAL CONDITIONS
 - b. 22 0125 SCOPE OF WORK
 - c. 22 0130 WATER SUPPLY SYSTEM
 - d. 22 0160 SANITARY DRAINAGE SYSTEMS
 - e. 22 0300 PLUMBING FIXTURES AND EQUIPMENT
 - f. 22 0420 SUPPORTS, SLEEVES AND PLATES
 - g. 22 0430 INSULATION
 - h. 22 0470 TESTS AND ADJUSTMENTS

- i. 22 0480 TAGS, CHARTS AND IDENTIFICATION
- j. 22 0490 GUARANTEE

B. Special Notes: Contract #2 for - PLUMBING CONTRACTOR

1. Any wood blocking for Plumbing Contract, items by Plumbing Contractor.
2. All existing ceiling removal / replacements necessary to install new PC work will be by PC Contractor unless otherwise noted, Includes temporary supports for light fixtures, smoke detectors, etc.
3. Access doors furnished by trade requiring access; installation by General Contractor. in new walls, floor, ceiling, etc.
4. Plumbing Contractor shall install an inflatable ball in all new plumbing fixtures to prevent construction debris or grout from entering sub-slab piping. Ball will be deflated / removed at the conclusion of the project as directed by the Owner' Representative.
5. PC will install sealant around perimeter of all toilet / plumbing fixtures.

1.16 CONTRACT #3 - HVAC

A. Work in the HVAC Contract #3 includes, but is not limited to, the following:

1. DIVISION 06 - WOOD, PLASTICS, AND COMPOSITES
 - a. 06 1000 ROUGH CARPENTRY
2. DIVISION 07 - THERMAL AND MOISTURE PROTECTION
 - a. 07 8400 FIRESTOPPING
 - b. 07 9200 JOINT SEALANTS
3. DIVISION 23 - HVAC
 - a. 23 0100 GENERAL CONDITIONS
 - b. 23 0110 SCOPE OF WORK
 - c. 23 0200 HYDRONIC SPECIALTIES
 - d. 23 0235 ENERGY RECOVERY VENTILATORS
 - e. 23 0240 CONDENSING UNITS
 - f. 23 0310 HOT WATER CABINET HEATERS
 - g. 23 0330 CONVECTORS
 - h. 23 0340 FIN TUBE RADIATION
 - i. 23 0400 SHEETMETAL WORK AND RELATED ACCESSORIES
 - j. 23 0410 PIPING, FITTINGS, VALVES AND NOTES (HOT WATER)
 - k. 23 0420 SUPPORTS, SLEEVES AND PLATES
 - l. 23 0430 INSULATION AND COVERINGS
 - m. 23 0440 DAMPERS AND MISCELLANEOUS
 - n. 23 0460 AUTOMATIC TEMPERATURE CONTROLS
 - o. 23 0470 TESTING, START-UP AND ADJUSTMENTS
 - p. 23 0480 GENERAL LABELING, VALVE CHARTS AND PIPING IDENTIFICATION
 - q. 23 0490 GUARANTEE

B. Special Notes: Contract #3 - HVAC CONTRACTOR

1. Any wood blocking for HVAC Contract items by HVAC Contractor.
2. All existing ceiling removal / replacements necessary to install new HVAC Contract work will be by HVAC Contractor unless otherwise noted. Temporary supports for items to remain shall be by the HVAC Contractor.
3. Access doors furnished by trade requiring access; installation by General Contractor in new walls, floor, ceiling, etc.

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4. Disconnects, Motor starters, etc. supplied by HVAC Contractor shall be installed by Electrical Contractor, unless noted otherwise.
5. If new mechanical units are too large to fit through existing doorways the mechanical contractor will either disassemble equipment into sections, or remove masonry to enlarge opening and reconstruct to match (at no additional costs to Owner). HVAC Contractor shall notify Owner's representative of proposed removals prior to removal. Owner's representative and Architect shall review for structural and other concerns. Removals shall not proceed without Owner's representative and Architect prior review and written approval. HVAC Contractor shall be responsible for all additional costs incurred by the Architect review including structural analysis.
6. Any interior and exterior grilles or wall louvers for mechanical items are by HVAC Contractor including opening, lintels, caulking, etc.

1.17 CONTRACT #4 - ELECTRICAL CONTRACTOR

A. Work in the Electrical Contract #4 includes, but is not limited to, the following:

1. DIVISION 06 - WOOD, PLASTICS, AND COMPOSITES
 - a. 06 1000 ROUGH CARPENTRY
2. DIVISION 07 - THERMAL AND MOISTURE PROTECTION
 - a. 07 8400 FIRESTOPPING
 - b. 07 9200 JOINT SEALANTS
3. DIVISION 26 - ELECTRICAL
 - a. 26 0100 GENERAL CONDITIONS
 - b. 26 0125 SCOPE OF WORK
 - c. 26 0150 APPROVED MANUFACTURERS
 - d. 26 0200 CONDUIT
 - e. 26 0300 WIRE AND CABLE
 - f. 26 0320 OVERCURRENT PROTECTIVE DEVICES
 - g. 26 0350 BOXES
 - h. 26 0400 WIRING DEVICES
 - i. 26 0450 CABINETS AND ENCLOSURES
 - j. 26 0500 SUPPORTING DEVICES
 - k. 26 0550 GENERAL LABELING AND IDENTIFICATION
 - l. 26 0600 DISCONNECT SWITCHES
 - m. 26 0650 GROUNDING
 - n. 26 0800 ADDRESSABLE FIRE PROTECTIVE SIGNALING SYSTEM
 - o. 26 0900 GUARANTEE

B. Special notes: Contract #4 - ELECTRICAL CONTRACT

1. VFD's, disconnects, motor starters which are supplied by Mechanical Contractor will be installed by Electrical Contractor unless noted otherwise.
2. All existing ceiling removal / replacement necessary to install new electrical work to be by the Electrical unless otherwise noted. Temporary supports for light fixtures, smoke detectors, etc. to remain shall be by the Electrical Contractor.
3. Access doors furnished by trade requiring access; installation by for General Contractor. in new walls, floor, ceiling, etc..
4. If the electrical switchgear, panels are too large to fit through existing openings, Electrical Contractor will remove masonry to enlarge the opening and reconstruction to match (at no additional cost to Owner). EC shall notify Owner's representative of proposed removals prior to removal. Owner, Owner's representative, and Architect shall review for structural and other concerns. Removals shall not proceed without Owner's representative prior review and written

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approval. EC shall be responsible for all additional costs incurred by the Owner's representative and Architect review including structural analysis.

5. Any wood blocking or panel backboards for electrical items by Electrical Contractor.
6. Electric Contractor will tie up and secure with zip ties or J hooks, 5' oc, any existing cabling or wiring which sags below ceiling after any ceiling removals.
7. Temporary power if required. Refer to Section 01 5000 - Temporary Facilities and Controls.
8. Electrical Contractor shall firestop electrical back boxes, where required, in fire rate partitions as per detail.

END OF SECTION