

SED # #66-22-00-01-0-016-029 | White Plains High School

SPECIAL PROVISIONS

These Special Provisions are in addition to the Plans, Specifications and the other Contract Documents and shall be part of this Agreement between the Owner and the Contractor. All references to "This Prime Contractor", "This Contractor" or "Contractor" refers to the **General Construction Prime Contractor, Civil Prime Contractor, Mechanical Prime Contractor** and the **Electrical Prime Contractor**. The following provisions shall apply for each individual project and each Prime Contractor associated with it. In cases of contradictions, the most stringent Provision shall govern.

General Requirements for Each Prime Contractor

I. General

1. All dates, durations, etc. defined herein shall be in business days.
2. Except for the basic building permit, each Prime Contractor's price shall include all fees and other costs for securing and maintaining (by the Prime Contractors or their subcontractors) for the life of the job; all permits, PE licenses, connection fees, inspections, etc., applicable to, or customarily secured for the Work. This provision includes any applications and/or permits to be issued by utility companies in the name of the Prime Contractor, or the Owner, as required for the Work. The originals of all permits are to be issued in the name of the Prime Contractor as required for the Work. Each Prime Contractor shall furnish the Construction Manager with original copies of all permits prior to the commencement of the Work, and shall prominently display a copy of all permits at a location agreed to with the Construction Manager.
3. One week prior to the start of physical work, each Prime Contractor shall provide two copies of a videotaped recording of all existing conditions to the Construction Manager. This taping shall provide a record of all-existing buildings, grounds, exterior conditions and interior conditions. The Contractor shall schedule a representative of both the Owner and the Construction Manager to be present at this taping. In the absence of this record, each Prime Contractor shall be responsible for paying the costs associated with any and all repairs or replacements of existing materials and/or conditions that were damaged in an area where the Prime Contractor is working or has worked, as may be deemed necessary by the Owner or the Construction Manager.
4. Each Prime Contractor is responsible for providing the required mock-ups defined by the Contract Documents out of sequence as needed by the Architect.
5. Each Prime Contractor is responsible for providing all required Engineered material calculations as defined by the contract documents.
6. Each Prime Contractor shall provide drinking water for his own employees.
7. On Site Communications. Each Prime Contractor shall provide, or otherwise see that, the project manager, or site managers, and/or responsible workers of each Prime Contractor and major subcontractor are equipped with cellular phones for the purpose of staying in contact with the Construction Manager.

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8. Each Prime Contractor shall include in his base price the cost of all rigging and equipment required for the performance and installation of the Work.

II. Schedule

1. All Contractors are to recognize that the Project Schedule is of critical importance to the Owner. All aspects of construction must reflect a 'time is of the essence' construction strategy. The attached 'Bid Schedules' serves as a guide of critical milestone dates to the Project. Failure to meet intermediate milestone dates will jeopardize the overall Project Schedule. This failure will mandate Contractor(s) to increase staff, work overtime, or use other means to recover time, at the costs of those Contractor(s) responsible for such delays. In addition, all costs due to delays in completion of the Work, which require additional Custodial Overtime, Construction Management services, Architectural services, and Engineering services beyond the Work duration in the Bid Schedule, shall be borne by Contractor(s) responsible for delays.
2. Each contractor, prior to being awarded the contract shall prepare and submit a Preliminary Master Project Schedule for their Work. **Within (3) weeks of NOA (Notice of Award) all Prime Contractors will provide a coordinated Draft master schedule.** Each Prime's Project Schedule are to reflect all requirements for submittals, material and equipment procurement, material stockpiling, setting up Contractor's staging area and surveying of existing conditions. These Schedules, reflecting the critical milestone dates established by the attached 'Bid Schedule', are to be coordinated and shall be inclusive of other Prime Contractor's activity. The "Final" agreed upon overall schedule of work shall be developed and maintained by the Prime Contractor for General Construction and the Prime Contractor for Civil Construction in conjunction with the Construction Manager utilizing each Prime Contractor's Preliminary and updated Schedule(s). Specific relationships between Contractors, sequencing of activities, phasing, and critical "ties" of coordinated Work must be detailed on the Project Schedule. All Contractors shall utilize "Sure Track Project Manager 3.0-" as produced by Primavera Systems, Inc., -or- equal platform producing Gant Style Scheduling.
3. All Prime Contractors shall review the completed "Final" detailed construction schedule and acknowledge their acceptance of this schedule by signing a copy to be kept on record by the Construction Manager. This agreed upon schedule must incorporate all milestone dates and shall be established within four (4) weeks of Notice of Award.
4. The Prime Contractor for General Construction and the Civil Construction shall update the detailed construction schedule with the Construction Manager and issue copies to the other Prime Contractors, the Owner, Construction Manager, and the Architect monthly. Each Prime Contractor shall provide the Prime Contractor for General Construction with all information necessary to provide these updates.
5. Each Prime Contractor is to submit a schedule of projected fabrication on long lead items (items requiring four weeks and over to fabricate) three weeks after Notice of Award. Progress/Status reports on fabrication to be submitted to the Construction Manager every two weeks. 'Rate of Change' chart and marked up shop drawings to be included in these reports.
6. Each Prime Contractor shall be responsible for coordinating and expediting their fabrication and delivery schedules and keeping the Construction Manager informed as to their progress and their anticipated ability to stay on schedule. Should it become necessary (in the opinion of the Construction

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Manager) to supplement the Prime Contractor's expediting efforts in order to maintain job progress, the Construction Manager may elect to charge all costs incurred to said Prime Contractor.

7. In the event that Owner makes special arrangements to open a building at the request of a Contractor and the Contractor does not show, the Prime Contractor shall pay the Owner all costs incurred. All parties agree that any action taken to enforce this requirement shall not be construed by any Prime Contractor or its subcontractors/suppliers, as a reason for a claim (for either time or money) for delay to the Work or to the Prime Contractor, its subcontractors, or suppliers.
8. The Owner shall take partial occupancy of the building's renovated spaces in accordance with the dates established by the Bid Schedule and the Special Provisions. The Contractors shall perform all Work necessary to maintain the Owner's move-in and occupancy schedule.
9. The Contractors shall include in their base price, all out of sequence Work and any Work required to be performed during overtime hours or non-working hours necessary to maintain the Master Schedule, the Prime Contractors' project schedule, or the Owner's move-in schedule.

III. Submittal Milestone Requirements

Submittal Priorities

The following submittal dates (in business days) are critical to allow for proper fabrication timeframes to ensure timely completion of the project to meet the attached bid schedule. A complete listing of all submittal requirements is located in "Section 01 3300 Submissions", which shall be accompanied by each division's specific submittal requirements.

Major General Construction Submittals

Metal Framing	15 days from Notice of Award
Sheetrock	15 days from Notice of Award
Ceiling Systems	15 days from Notice of Award
Glazing Film	15 days from Notice of Award
Interior Finishes	20 days from Notice of Award
Casework	20 days from Notice of Award
All remaining Submittals with-in	20 days from Notice of Award

Major Civil Construction Submittals

Stormwater Retention	15 days from Notice of Award
Soil Retention/ Masonry Retaining Walls	15 days from Notice of Award
Imported Soil Data	15 days from Notice of Award
Artificial Turf Product Data/ Shop Drawings	20 days from Notice of Award
Running Track Shop Drawings/ Product Data	20 days from Notice of Award
Fencing	20 days from Notice of Award
All remaining Submittals with-in	20 days from Notice of Award

Major HVAC Equipment

Duct Work	15 days from Notice of Award
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Equipment	15 days from Notice of Award
Controls	20 days from Notice of Award
HVAC Shop Drawings	20 days from Notice of Award
All remaining Submittals with-in	20 days from Notice of Award

Major Electrical Equipment

Service Equipment	15 days from Notice of Award
Fire Alarm	15 days from Notice of Award
Light Fixtures	15 days from Notice of Award
Athletic Field Scoreboards	20 days from Notice of Award
Athletic Field Lighting	20 days from Notice of Award
All remaining Submittal with-in	20 days from Notice of Award

IV. Construction Milestones

All Prime Contractors:

Special consideration should be made to the requirements of the project bid schedule attached in the Specifications. Prime Contractors will be required to man each contract to meet the milestone dates indicated below and/or in the contract bid schedule. All costs should be included in the bid for working multiple shifts, nights, weekends, and holidays to complete each phase of the project.

Time frames indicated show milestone dates required to be met by all Prime Contractors. These areas, once completed, will be punch-listed and given partial occupancy for the Owner to occupy. Occupying these areas is critical to the Owner. If said dates are not met Liquidated damages may be assessed and backcharged to the responsible Contractor.

KEY MILESTONE DATES:

CONTRACT: 'C' CIVIL & 'E' ELECTRICAL

NEW SYNTHETIC TURF FIELD, SCOREBOARDS AND LIGHTING (FIELD 12)

- Construction Start: **October 3, 2023** | Substantial Completion: **July 30, 2024**

LOUCKS FIELD TRACK REPLACEMENT

- Construction Start: **June 28, 2023** | Substantial Completion: **July 31, 2024**

CONTRACTS: 'G' GENERAL CONSTRUCTION , 'H' HVAC CONSTRUCTION & 'E' ELECTRICAL CONSTRUCTION

CEILINGS – WINGS 'C' & 'D'

- Construction Start: **October 3, 2023** | Substantial Completion: **January 31, 2024**

CEILINGS – WINGS 'A' & 'B'

- Construction Start: **February 1, 2024** | Substantial Completion: **May 29, 2024**

CEILINGS – WINGS 'G' & 'E'

- Construction Start: **April 30, 2024** | Substantial Completion: **August 28, 2024**

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CLASSROOM DUCT WORK AND SOFFIT INSTALLATIONS – ALL WINGS

- Construction Start: **June 24, 2024** | Substantial Completion: **August 28, 2024**

Any work that is outside of the school’s summer recess (6/27/23-8/31/23) must be completed after-hours, at no additional cost to the contract. This includes punch-list work. After-hours are defined within section “VI. SCHOOL OPERATIONS & CONTRACTOR WORK HOURS”.

V. Summary Overview

New Turf Field, Lighting and Scoreboards – Field 12

An existing natural grass field will be converted into a new synthetic turf system. The field will require rock removals to install portions of the underground drainage. Lighting for the field will be an alternate and with the ‘E’ contract. The field is planned to be up and running for the Fall ’24 sports season. This work will start in the Fall ’23 and continue into the Summer ’24, under construction during normal business hours.

Loucks Field Track Replacement

A competitive style track which hosts national competitions. The Loucks Field Track is scheduled to receive a new surface. The track is planned to reopen for the later summer, and work will take place during normal business hours.

WPHS Ceiling Installations

Broken down into three different bid phases, the ceiling replacements will have areas within the C&D wing performed under base bid, and the remainder bid as alternates. All work that will take place over the school year will occur second-shift. While work planned for the Summer ’24 will be during normal business hours. Classroom exhaust ductwork and soffit installation will happen over the Summer 2024.

VI. SCHOOL OPERATIONS & CONTRACTOR WORK HOURS

Each project will impact many areas within existing buildings, which in some cases will remain in operation during construction.

All contract work occurring **over the summer recess**, outside of normal school session, may be performed during the hours of 7:00am and 4:00pm, with second-shift work happening continuously until 11:00pm - once approved by the CM & Owner. Any other contract work impacting the operation of the school, at any point over the project schedule, must be performed on an after-hours schedule, weekends or school holidays.

All contract work being performed **before and after the summer recess** during normal school session, will need to be perform second-shift (4:00pm-11:00pm). If approved, the contractor is responsible for abiding by the local sound ordinance for construction activities and will be responsible for any fines they may incur if not followed. All punch-list work shall be performed after school hours on a second-shift schedule.

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Each Prime Contractor may work Saturday & Sundays to make up for lost time (Saturday/Sunday work will be required if necessary to meet deadline) with prior approval from the Owner and after the Contractor has verified allowable working hours by any town ordinance. If any Prime Contractor must work on either a Saturday, Sunday or a Holiday, in order to make up time that has been lost due to their fault, that Contractor will be responsible to reimburse the District for any custodial overtime costs.

VII. SAFETY / LOGISTICS/STORAGE

1. Two weeks after the receipt of the Notice of Award, the Prime Contractor for **General Construction and Civil Construction** shall provide a Site Safety/Logistics Plan to the Construction Manager. The site logistics plan should minimally include locations of the six-foot high temporary fence, traffic plans for deliveries and removals, refuse container locations, crane locations, pick locations, boom radius, and lift locations. This plan shall also show the location of all staging and storage areas, non-rated and fire-rated partitions used to separate construction and school areas, made with plywood and/or gypsum wallboard, etc. The logistical information represented by the construction documents shall serve as a minimal guide.
2. Each prime contractor is to submit their corporate safety policy (2) weeks after Notice of Award. Plan to minimally meet OSHA standards. Each Prime Contractor shall make the participation of their subcontractors in this program mandatory. These Safety Programs should be a detailed Company Policy defining the specifics as to how a safe work environment shall be maintained.
3. Each Prime Contractor and Sub Contractors shall schedule weekly safety meetings (Job Site Safety Talks) and submit meeting minutes indicating attendees and topics to the Construction Manager.
4. Each Prime Contractor is to identify in writing to the Construction Manager their "OSHA Competent Person Regarding Safety" Definition. "Competent person" means one who is capable of identifying existing and predictable hazards in the surroundings or working conditions which are unsanitary, hazardous, or dangerous to employees, and who has authorization to take prompt corrective measures to eliminate them.
5. All flagmen required for deliveries to the site are to be furnished by the Prime Contractor responsible for the delivery. Any and all deliveries crossing the site or student traffic areas shall be escorted by flagmen. All flagmen shall wear orange vests. All deliveries shall be scheduled and coordinated with the Construction Manager and the Owner. Delivery blackout periods for bus traffic interference shall be established with the Construction Manager.
6. Smoking, firearms, alcoholic beverages, and indecent photography are expressly prohibited on all school properties. All persons representing Contractors, subcontractors or suppliers shall wear shirts, long pants and other proper attire while on school property. All persons representing Contractors, subcontractors or suppliers shall conduct themselves in a professional manner consistent with the rules and policies of The School District, and the New York State Education Department while on school property or otherwise representing this project.
7. Each Prime Contractor will ensure that all their employees, while on school property, will wear hard hats, high visibility vests, and ID badges at all times. Anyone on site without this the proper Personal Protection Equipment (PPE) will be escorted off school property.

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8. Each Prime Contractor will ensure that every employee working on this project has completed a 10-hour OSHA training course. Any worker that cannot present a 10-hour OSHA safety-training card will be escorted off the property.
9. Food truck vendors for Construction Workers will only be allowed on school property with prior authorization from the School District. The District may allow or discontinue food vendor truck service at any time for any reason.
10. **Identification Badges.** Each Prime Contractor will provide an ID badge for each of their field personnel prior to coming on school property. All workmen shall display the badge on their person while on site, and at all times. Failure to wear identification badge at all times will result in the immediate removal from the jobsite.
11. **Background checks.** As a part of their existing visitor program, the District uses an electronic school visitor management system (Raptor), which requires visitors to present a valid drivers license or form of state identification. Workers may be required to provide their identification in effort for the District to identify a former sexual offender or any outstanding criminal charges. If a valid form of identification cannot be provided, the person may not be permitted to work on site.
12. Each Prime Contractor is responsible for their own storage and personnel trailers at each site. Each Contractor will be required to supply man trailers and storage box trailers as required. All costs related to its delivery, construction, protection, power, etc. is borne by the individual Contractors utilizing space. The Owner WILL NOT PROVIDE STORAGE SPACE. The placement of these trailers will be strictly limited to predetermined locations. Approval of the placement of any trailer or storage box must be received from the Construction Manager.
13. The parking for construction personnel shall be limited to designated parking areas only. Failure to abide by this rule will result in towing cars at the expense of the Prime Contractor who employs the individual.
14. All delivery vehicles/trucks/machinery/etc. permitted on site, must be equipped with back-up alarms and enter through the designated access points. Failure to demonstrate this ability will result in cancellation of delivery or stoppage of work. All delays associated with this cancellation will be the responsibility of the Prime Contractor responsible for the Work involved.
15. All temporary construction site fences installed by any Contractor shall be installed with a tightly woven, blind screen mesh. This mesh is to be installed on the "construction" side of the fence. The General Contractor will maintain all fencing daily and lock gates at the end of the day.
16. All crane picks, material delivery, etc. must be coordinated so as not to lift over any occupied area of the building. If absolutely necessary, this work shall be done during off hours to ensure the safety of the building occupants. Crane location must be carefully chosen to ensure the safety of building occupants. Crane picks must also not be conducted during academic hours within 20' of an occupied building.
17. The Owner or Construction Manager reserves the right to have all hoisting equipment periodically inspected by an independent inspector whose findings will be binding. The Prime Contractor at its own expense must make corrections before continuing work. The Owner or Construction Manager will not assume any responsibility for the safe operation of any hoisting equipment by exercising this right. Each Prime Contractor or Sub Contractor shall cooperate with the inspector by allowing time for the inspection. The Prime Contractor shall be notified 24 hours prior to the time of the inspection. These inspections do

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not release the Prime Contractor of their responsibility to provide all engineering, permits, and inspections as required by OSHA or the SED prior to use of any hoisting equipment.

18. All vehicular traffic (personal vehicles, trucks, equipment, deliveries, etc.) are to use the designated entrances as outlined on the Logistics Drawings. Access by other routes is to be on a requested exception basis only.

VIII. SUBMITTALS

1. Each copy of each submittal shall have attached as the cover page the specified "Submittal Cover Sheet". All information requested in "Section 01 33 00 Submittal Requirements" shall be provided by the respective Contractor. Submittals will be returned without review if the cover sheet is not accurately completed.
2. Each Prime Contractor shall generate a complete "Submittal Log" within one business week of the Notice of Award. This log is to list all required submittals specific to your trade as detailed in the Project Manual/Specs. See enclosed form for your use. "ROJ" stands for Required on Job to assist your judgment of the time gap between submission, Architect review, fabrication/procurement and on-site need for putting the work item into place.
3. Each Prime Contractor shall review all submissions for completeness. Each Prime Contractor is responsible to stamp all shop drawings prior to submission to the Architect. The Architect will not review any shop drawings unless first reviewed by said Contractor. Bundle similar material submissions for proper review. Use the Architects Submittal cover sheet located in the Specifications.
4. **All submissions shall be sent electronically to the Architect. Submittals will be processed and stored electronically, with access available to all Prime Contractors for coordination. The District has elected to use the program NewForma for all project correspondence.**
5. Each Prime Contractor shall provide one transmittal for each submission package identifying each unique submission individually. For each submittal with the submission package, the Prime Contractor shall identify the length of the delivery time and the necessary "last date" an item may be received on site. Each Prime Contractor shall keep a log of all submissions in a manner prescribed by the Construction Manager and the attached form. Minimally, the Contractor shall update this submittal log biweekly and provide a copy to the Construction Manager for review and information.
6. Each Prime Contractor shall copy the Construction Manager's Project Manager on all transmittals, correspondence, RFI's and any other documents sent to the Architect, his consultants or the Owner.
7. At the direction of the Construction Manager, each Prime Contractor shall provide copies of either document and/or data files for any requested document on one of the following programs: Microsoft Word, Microsoft Excel, or Primavera's SureTrack – Project Manager 2.0 scheduling program.

IX. LINE, LEVELS & GRADE

1. Both the Prime Contractor for General Construction and the Prime Contractor for Civil Construction shall establish a baseline and benchmark system for each area of renovation or component. This survey work

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shall be completed by a NYS licensed professional surveyor. The surveyor(s) employed to establish this system or to extend and maintain an existing benchmark system for the work of other trades shall not have less than five years' experience in performing construction surveys similar to the work they will perform for this project. The other Prime Contractors and their subcontractors shall be responsible for extending these lines, levels and grades, and for performing all layouts for their own work. Each Prime Contractor is solely responsible for any damage or loss due to incorrect extension of lines, level or grades in their layout. Each Prime Contractor and their subcontractors shall be responsible for the accuracy with respect to the layout of their work. Any discrepancies or errors in the drawings, perceived by a Prime Contractor or subcontractor, shall be immediately reported to the Construction Manager and Architect. If any corrections are necessary, they shall be executed in accordance with procedures approved by the Construction Manager.

2. Each Prime Contractor and their subcontractors shall be responsible to offset, or to protect, their markings from anything that may disturb them.
3. Both the Prime Contractor for General Construction and the Prime Contractor for Civil Construction and all other Contracts will build to existing conditions of the site and joining buildings. To confirm line, level and grade, the both the Prime Contractor for General Construction and the Prime Contractor for Civil Construction will employ a licensed NYS surveyor throughout the project to confirm the site is built to the correct elevations. By the end of the project both Prime Contractors shall produce an 'As-Built' drawing including final elevations and boundaries of any structural or earth modifications.

X. MANAGEMENT OF WORK

1. **Each Prime Contractor shall employ (from one week after Notice of Award until punch-list and closeout are complete) at a minimum, a full-time Project Manager and a dedicated full-time on-site Superintendent. The Project Manager and Site Superintendent shall represent the Prime Contractor. All communications given to the Project Manager or Site Superintendent -either verbal or written- shall be binding. Important communications shall be so confirmed in writing.**
2. Each Prime Contractor shall provide copies of their daily construction reports to the Construction Manager's either through the Submittal Program or Electronically via E-mail. These reports shall be submitted no later than 10:00am the following workday. The daily reports shall provide detailed information concerning the Prime Contractors' activities and operation only. Daily Construction Reports to the Construction Manager shall detail manpower for each subcontractor and direct workforce, weather and work activities on site.
3. Each Prime Contractor shall have responsible representation at the **MANDATORY** weekly job meetings held at the Construction Manager's job office from Notice of Award through close out. These meetings will be held to arrange for a satisfactory coordination of all building trades so as not to impede job progress. Prime Contractors or subcontractors who fail to attend the meetings will be **backcharged \$500.00 per each occurrence**.
4. Each Prime Contractor shall submit two-week look ahead schedules identifying the anticipated activity, and material needs for all of the work scheduled to be formed by the Prime Contractor and his subcontractors for the identified time period. Each Prime Contractor shall keep this schedule current and provide a biweekly report to the Construction Manager concerning the actual performance and activity

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compared to the two-week look ahead. The two-week look ahead shall be uploaded to the submittal Program by the End of Business of each weekly meeting.

5. The MEP Coordination shall follow the guidelines stated below:
 - a. Each Prime Contractor shall have sufficient and responsible representatives at MEP coordination meetings held at a location to be determined. These meetings shall be held as frequently as required by the Construction Manager or any other Prime Contractor. The General Construction Prime Contractor and the Civil Prime Contractor shall also include a representative at these meetings.
 - b. All Contractors are expected to jointly produce coordination drawings. Prime Contractors are to first submit their respective shop drawings for approval, to the Owner's Architect and Engineers in order to make any necessary changes prior to going through the coordination process. The HVAC Contractor shall provide orange line CAD Drawings showing all of the approved ductwork. The HVAC Contractor shall locate on these CAD Drawings all piping in orange pencil/ lines. The Plumbing Contractor shall locate the plumbing lines on these CAD Drawings in blue pencil/ lines. The Electrical Contractor shall indicate conduit runs in green pencil/ lines. The General Construction Prime or the Civil Prime Contractor will have the last coordination review. As each coordination drawing is completed, Contractors are to meet with the Construction Manager and the Architect to review and resolve all identified conflicts on the coordination drawings.

Note: for areas without HVAC work, the Mechanical Prime shall provide the necessary CAD Drawings with black line. All coordination meetings will be held at the Construction Manager's office.
 - c. It is the responsibility of the Prime Contractor for General Construction to coordinate all points of entry through the foundations, slab penetrations, sleeves, roof openings and penetrations, wall openings and penetrations etc. with the work of all other Contractors, including but not limited to M. E. P. Primes, kitchen equipment, casework and casework accessories.
 - d. It is the responsibility of each Prime Contractor to coordinate with the architectural details and elements, such as soffits, variations in ceiling height and materials, fire/smoke partitions or barriers, folding partition, doors, lockers, and any other general construction items that impact the space above the ceiling or otherwise requiring light framing and/or miscellaneous support or bracing.
6. Site cleanliness: If any Prime Contractor fails to keep the site safe and clean within four hours of being notified by the Construction Manager either verbally or in writing, the Construction Manager will have this work performed and back charged to the appropriate Prime Contractor at prevailing overtime rates plus 15%. Notice to field personnel is deemed notice to this Prime Contractor.
7. Dust and fume control is essential to the reduction of health risks to the surrounding personnel and the occupants of buildings and adjoining work areas. Methods of dust control shall include but not be limited to the following:
 - a. Adequate ventilation.
 - b. Wetting down.
 - c. Keeping bags of insulating materials, cement, etc. closed.
 - d. Controlled mixing of materials under field conditions.

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- e. Special attention should be utilized in sawing of insulation and certain acoustical materials and storage of materials.
 - f. Job housekeeping must be maintained.
 - g. Advising all personnel of hazardous conditions, including supervisors and workmen.
 - h. Installing temporary barriers.
 - i. Each Prime Contractor shall be responsible for instituting the above policies to insure minimal impact to surrounding occupied areas.
8. Each Prime Contractor shall confine operations on the premises to areas designated by the Construction Manager and permitted by law, ordinances, permits and the Contract Documents, and shall not unreasonably encumber the premises with any materials or equipment. Each Prime Contractor shall coordinate all of his operations with, and secure approval from, the Construction Manager before using any portion of the Premises. Field personnel are to be confined to the work area assigned.
9. Where material is specified to be furnished by others or furnished and delivered only, the Prime Contractor installing the material shall be responsible for scheduling the delivery and receiving, unloading, storing, handling, relocating, hoisting, distribution, laying out and installing this material. Upon receipt of material by the Prime Contractor installing the material, any risk of loss and damage of the material shall be the responsibility of that Prime Contractor accepting the material.
10. All Prime Contractors and their subcontractors shall allow sufficient time to inspect and accept the work of the previous Contractors. Should any discrepancies be discovered, The Construction Manager shall be notified sufficiently in advance so that corrective action can be agreed to and taken (by all necessary parties) without affecting the progress of any Contractor or the work.
11. All Prime Contractors are advised to exert the utmost care and diligence when working in or near any existing buildings or sitework which is to remain. The absence of protection around such items shall not excuse any of the Prime Contractors from their liability to provide protection. Any damage to the existing buildings, sitework or facilities shall be repaired and expensed to the responsible Prime Contractor.
12. Each Prime Contractor shall be solely responsible to remove and replace the existing ceiling tiles and grid in areas of the existing building where their work is required but new ceilings are not scheduled. In the event that the existing ceilings are damaged and cannot be replaced to the satisfaction of the Owner, the responsible Prime Contractor shall be solely responsible for replacing, in kind, the existing ceilings with new tile and grid. A qualified Contractor, acceptable to the Owner, shall perform all ceiling replacements.
13. All disconnect and/or tie-in work involving any utilities that would interfere with the ongoing operations of the Owner shall be completed on an after-hours basis. The performance of this work shall be projected on the required schedules and the Owners Representative is to be notified at least forty-eight hours in advance of commencing with this work. All overtime and standby personnel necessary to complete these tie-ins shall be the responsibility of the Prime Contractor performing the work.
14. At the same time the Prime Contractor submits their Insurance Certificate they shall also submit to the Construction Manager the labor rates of each category of labor for which he or his subcontractors shall employ (either directly or indirectly). This information shall be itemized in the format shown below.

Contractor's Name	
Contractor's Address	
Contractor's Office Phone	

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Contractor's Fax Number					
Contractor's Email Address					
Labor Rate Breakdown					
Worker's Title		Journey man	1.5 Rate	Fore man	1.5 Rate
Base Hourly Rate					
Payroll Tax & Insurance:		% Per Hr			
FICA					
Federal Unemployment					
State					
Workers Compensation					
Disability					
Other (Explanation Required)					
Subtotal					
Benefits:		\$ Per Hr			
Vacation					
Health & Welfare					
Pension					
Annuity					
401K Fund					
Other (Explanation Required)					
Other (Explanation Required)					
Subtotal					
Hourly Labor Rate					

XI. REQUEST FOR INFORMATION (RFIs)

1. Refer to the specifications for a complete explanation of the Request For Information process and copy of the RFI form. RFIs will be corresponded electronically and will be required for an interpretation needed by the Architect of the Drawings and Specifications. Questions asked within the field to the Architect or Engineer for direction, shall be recorded by the prime contractor asking the question and submitted via RFI for formality.

XII. TESTING/INSPECTIONS

1. If the New York School Education Department, the Architect or Owner or determines that any work requires special inspection, testing or approval, the Construction Manager will instruct the Prime

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Contractor of such special inspection, or testing. If such special inspection or testing reveals a failure of the work to comply with the requirements of the Contract Documents, the Prime Contractor responsible shall bear all costs thereof, including compensation for the Architect's, Construction Manager, and Testing Lab costs.

2. Each Prime Contractor shall furnish incidental labor to:
 - a. Provide access to the work to be tested, sampled and inspected.
 - b. Obtain and handle samples at the project site or at the source of the product to be tested.
 - c. Facilitate inspections, samplings and tests.
 - d. Coordinate with the Owners Rep and testing lab and submit schedule of required tests one week in advance.
 - e. Coordinate inspections
3. As they relate to the timely prosecution of the work, all Prime Contractors shall coordinate independent testing and inspections. If any Prime fails to coordinate such inspections and additional costs are incurred to the Owner, the Prime Contractor will be responsible for that inspection cost.
4. **The following is a list of intended controlled inspections:**
 - a. Soil bearing, sub-grade inspection and/or compaction
 - b. Concrete field and plant testing & rebar placement
 - c. Masonry or stone field inspection, mortar sampling, reinforcement placement inspection
 - d. Structural steel field welding, bolting, connections, and metal deck
 - e. Asphalt and sub-base inspection
 - f. Soil compaction, density and sieve analysis testing, soil bearing
 - g. Roofing & flashing – **by Contractor performing the work**
 - h. Waterproofing
 - i. Under slab plumbing work – **by Contractor performing the work**
 - j. Firestopping
 - k. Fireproofing
 - l. Underwriters/UL inspection – **by Contractor performing the work**
 - m. Asbestos air monitoring
5. The Architect and Construction Manager shall be notified forty-eight hours prior to the need of testing, in the event the Contractor does not give proper notification and the work is done with no test, that Contractor will bear all costs for such tests.
6. **All controlled inspection testing costs will be paid for by the Owner except as noted “by Contractor performing the work” above.**
7. As part of the two-week look ahead, each Prime Contractor shall provide the Construction Manager with a schedule of all anticipated on-site Owner supplied inspections (if any are required). The Prime Contractor shall submit all requests for Owner-supplied inspection for all items of controlled inspection by 1:30 p.m. of the day previous.

XIII. CHANGES TO THE WORK

1. Refer to Article 8 of the General Conditions for additional information pertaining to this subject.

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2. All change proposals for extra work by the Prime Contractors shall be submitted to the Construction Manager, with a complete labor and material breakdown and on the basis of net difference in quantities. The Owner reserves the right to request adequate back-up such as invoices, subcontractor quotes, etc., to substantiate the change order cost. Current labor rates for all trades are to be submitted to the Construction Manager by the respective Prime Contractors at the first scheduled job meeting. When both additions and deductions are involved in any one change, the allowance for overhead and profit shall be figured on the basis of net increase or decrease.

All change requests shall follow the cost breakdown found in § C.1 of Article 8 located in the General Conditions.

XIV. SCHEDULE OF VALUES/PAYMENTS

1. Within one week after Notice of Award, the Prime Contractor shall submit a detailed billing breakdown on the AIA G702/ G703 – CM Version form for approval by Construction Manager and Architect. No payments will be made until such billing breakdown is approved. Each Prime Contractor will be required to breakdown the project cost for each building project, by NYSED #.
2. The schedule of values will be reviewed and adjusted if necessary. Once approved, the schedule of values is to be used for the AIA pay application. The schedule of value will take into account and include at minimum the following items:

- Reference 01 29 00, Section 1.05

Note: Punch list value will be dispersed only when the work has been confirmed to be completed 100%. ALL PAYMENT APPLICATIONS SHALL INCLUDE A 5% RETAINAGE FACTOR.

3. The Owner has elected to require the Prime Contractor to submit releases of liens with respect to all Work previously performed and for which payments were made under a preceding application. Beginning with the second payment requisition and with each subsequent payment requisition, each Prime Contractor shall furnish to Owner the following documents:
 - a. Labor and/or Materials Affidavit
 - b. Daily and Weekly Wage Affidavit
 - c. Prime Contractor's-Partial Release and Wavier of Lien
4. Monthly Payment Applications for Payments shall be made as per Article 9 of the General Conditions of the Contract
5. All Payment Applications for Payment are to include certified payroll for each employee working directly under the Prime Contractor, as well as all subcontractors working under agreements with the Prime Contractor.
6. All Payment Applications for Payment are to include 10-Hour (or higher) OSHA cards for all workers listed on the certified payrolls.

XV. PUNCH LIST

1. Upon substantial completion of each phase of work, each Prime Contractor is to submit to the Owner/Architect/Construction Manager a letter declaring the work is substantial complete. Included with said letter is to be the Contractor's punchlist.

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2. Upon the receipt of the Contractor's Punchlist, the Construction Manager will schedule with the Owner, Architect, and Contractor a walk through to develop an Owner's punchlist. This Owner's punchlist agreed by all parties shall serve as the only punchlist. Upon failure to complete the Owner's punchlist within four weeks from receipt, the Owner reserves the right to complete same work and backcharge the costs of material, labor, supervision and other incidental costs.

XVI. INSURANCE/INDEMNIFICATION

1. All Prime Contractors must issue a Certificate of Insurance with liability limits as defined in the General Conditions and Division 01, naming Triton Construction Company, the Architect, the Architect's Consultants and the School District as an 'Additional Insured' in addition to all other parties as stipulated in the General Conditions of the Contract in the project manual.
2. All Prime Contractors agree to indemnify and hold harmless Triton Construction Company, the Architect, the Architect's Consultants, the School District, its agents and employees in addition to all other parties as stipulated in the General Conditions of the Contract in the project manual.
3. All Prime Contractors and Sub-Contractors/sub-subcontractor's/vendors/etc. insurance/indemnification shall comply with Article 10 "Insurance Requirements" as specified in the General Conditions of the Contract in the project manual.

Specific Scope Requirements for Each Prime Contractor

Each Prime Contractor is to refer to the technical specifications and drawings for further, or more comprehensive requirements.

Prime Contractor for General Construction (PCGC) – For Work within the Building

Contracts: 'G'

1. This Prime Contractor shall provide, for all the building construction work, all necessary site refuse containers and disposal services to maintain the site in a clean and safe condition. This Prime Contractor shall be responsible for emptying and/or replacing all containers on a regular basis or when full. All containers and disposal services shall be provided by a single entity. This Prime Contractor shall provide sufficient labor to keep the site clean on a daily basis and shall be responsible for providing the daily broom cleaning as necessary to maintain site safety.
2. This Prime Contractor shall coordinate with the; Electrician and Mechanical Contractors to allow all Contractors unabated access to the building and surrounding work areas.
3. This Prime Contractor shall provide and maintain temporary chemical toilets for the duration of the project for the interior portions of work. The Civil Prime Contractor will be responsible to provide their own chemical toilets for the Field #12 renovations and track replacement. The quantity of these toilets should be as required to properly maintain sanitary facilities and easy access for the personnel on the job. This quantity shall be a minimum of two toilets per major work area. This requirement shall include all necessary paper products, supplies and services, as well as the maintenance of these toilets until all work

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is complete and the Owner assumes partial occupancy of the completed work areas. As a minimum, this Contractor shall include the pumping and servicing of these toilets twice per week.

4. All Scaffolding or Stair Towers shall be designed and stamped by a licensed NYS PE. When designing this scaffolding consideration should be given to the environment, scaffolding system being used, means of access, means of tying the scaffolding to the structure, location, length of time to be erected, climate conditions, wrapping/containment of building, purpose of use, loadings, etc. all scaffolding and/ or stair tower access points must be secured while not in use. If and when needed, the scaffolding may be used for access by other Prime Contractors during construction- this contractor will not restrict access by others using the scaffold.
5. This Prime Contractor shall provide testing and inspection of the scaffolding on a daily basis and per governing regulation (e.g.: OSHA). A log of these inspections is to be kept in the PCGC's job trailer, along with inspections tags that identify the status of the scaffolding (inspection dates, okay to use, caution, danger). Report to the Construction Manager all corrective work required through the course of the project.
6. This Prime Contractor shall include in his bid price, all costs to provide **6' high** chain link construction fencing and gates. All fencing shall have a tightly woven, blind screen mesh installed on the "construction" side of the fence. Mesh to be dark green or black. When directed by the Construction Manager, this Prime Contractor shall remove and dispose of this fencing and all related materials. Gates for man access shall be passive to the exterior of the jobsite during the event of an emergency but remain closed for unauthorized entry during construction. All gates shall be locked when the site is not active, with a double-keyed system, granting the District access to the site at all times.

Staging locations are not shown on the drawings due to the need for multiple locations that will require coordination with this Prime Contractor. The District will identify which areas to be used for logistics once the contract has been awarded. All areas will be on the outside of the building, either on grass or asphalt.
7. Construction Signage. The PCGC shall include in his base price all construction signage required by OSHA and the Site Logistics plans. At the site fence, "Construction Area keep out", "Hard Hats Required" and "Authorized personal only" signage shall be posted every 10' on site fencing. This Prime Contractor shall reference the logistics plans for each project to include any other signage designated for entry gates. Signs shall be made of either metal or durable PVC to endure the project duration.
8. This Prime Contractor is responsible for protection of finished work and existing conditions. Including but not limited to; floors, walls, and doors. This Prime Contractor will provide, maintain, and remove the appropriate protection materials necessary to adequately protect his finished product.
9. This Prime Contractor shall provide fire extinguishers for the life of the project, the extinguishers are to be hung and identified as per OSHA requirements (1 per 3000 sq ft, or better). These extinguishers are to be re-charged and inspected for the life of the project.
10. Abatement Work: This Prime Contractor will be responsible for hiring a qualified and DOL licensed Abatement Contractor to perform ALL Hazardous Material removal at areas indicated in the drawings. This work will only take place during the summer recess or over an extended break/holiday with the Owner's approval.
11. Openings in Existing Systems: Each respective Prime Contractor will be responsible to provide their own openings through existing wall, floor, and ceiling systems not shown to be removed on the Architectural

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Drawings. Where openings for MEPs are required in new wall, floor or ceiling systems, the GC shall coordinate with the respective MEP Prime contractor to locate those openings and frame the wall/shaft/ceiling system to incorporate the new opening.

12. Core Drilling: Each respective Prime Contractor shall provide their own core drilling through existing and new wall, floor, foundation, or slab systems.
13. Roof Systems: Roof cutting and patching is by the Mechanical Prime Contractor.
14. Each Prime Contractor is required to fire stop and/ or smoke stop all walls, floors and ceilings after completion of all their own work.
15. This Prime Contractor is responsible for the protection of finished work and existing conditions. This Prime Contractor will provide, maintain, and remove the appropriate protection materials necessary to adequately protect the finished product. **Due to the occupancy of the building, these items will be required to be removed and reinstalled on a daily basis.**
 - j) *Floor covering*: On finished floors (existing/new), this Prime Contractor shall install and maintain sufficient protection throughout the duration of the project. On finished walls (existing/new), this Prime Contractor shall protect the newly/existing installed wall finishes with sufficient protection. In either case of the above, the Prime Contractor for General Construction will be responsible for correcting all damages once the work is complete- prior to Substantial Completion.
16. This Prime Contractor will repair, replace, correct, or finish grade, topsoil, and seed all areas within the construction site that was disturbed by the work of this project, including any staging areas for material and equipment.
17. New Mechanical Roof Top Units, Exhaust Fans and Pipe Portals will be furnished and installed by the Mechanical Prime (including roof membrane/insulation cutting and patching), with final Electrical/ Fire-Alarm terminations by the Electrical Prime under separate contracts.

Roof Top Curbs and Pipe Portals will be furnished, lifted/picked, and set/installed by the Mechanical Prime Contractor. Blocking for curbs, final flashing, roof deck penetrations/openings and structural reinforcing shall be by the Mechanical Prime Contractor. Coordination between each trade to install the roof system and new curbs in a seamless matter is required per each Prime's contract. The following sequence clarifies the coordination between the Mechanical (PCMC) and Electrical (PCEC) trades for New Mechanical Exhaust Fan Equipment:

- A. Roof Top Unit Curbs (Exhaust Fans, Etc.):
 1. Furnished, coordinated, lifted/picked and installed (excludes roof flashing and blocking) by Mechanical (PCMC) Prime
 2. Deck/Roof Opening, Structural Reinforcing, Blocking, Insulation and Roof Flashing by Mechanical (PCMC) Prime.
 3. Pipe Portals/ Pitch Pockets Furnished by Mechanical (PCMC) Prime
 4. Pipe Portals/ Pitch Pockets Installed and Flashed by Mechanical (PCMC) Prime.
- B. Mechanical Equipment (Exhaust Fans, Etc.):
 1. Furnished, hoisted/picked and installed by Mechanical (PCMC) Prime.
 2. Piping by Mechanical (PCMC) Prime
 3. Ductwork by Mechanical (PCMC) Prime
 4. Controls by Mechanical (PCMC) Prime

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5. Electrical by Electrical (PCEC) Prime
6. Fire Alarm/ Shutdowns by Electrical (PCEC) Prime

Temporary protection of open curbs prior to units being installed, will be provided and maintained, by the by Mechanical (PCMC) Prime in cooperation of all other trades. Water infiltration as a result of any other Prime Contractor not re-protecting open roof curbs, will be the sole responsibility of that trade to reimburse the PCMC - to correct the temporary protection. Any damage to the interior finishes of the building, caused by water infiltration, will be the responsibility of that Prime Contractor causing the leak, to correct the damages per the terms of the General Conditions.

Prime Contractor for Civil Construction (PCCC) – For Work within the Building

Contracts: 'C'

1. This Prime Contractor shall provide, for all the site construction work, all necessary site refuse containers and disposal services to maintain the site in a clean and safe condition. This Prime Contractor shall be responsible for emptying and/or replacing all containers on a regular basis or when full. All containers and disposal services shall be provided by a single entity. This Prime Contractor shall provide sufficient labor to keep the site clean on a daily basis and shall be responsible for providing the daily brooming of hard surfaces (asphalt/concrete) cleaning as necessary to maintain site safety.
2. This Prime Contractor shall establish a stabilized site entrance from one location of the site, as shown on the drawings. This location must be maintained throughout the duration of the project, and it will be this Prime Contractor's responsibility to sweep and clean the roadway adjoining the entrance when soiled with dirt and debris. Maintenance of both the roadway and entrance shall be daily, and as requested by the CM or Owner. If for any reason the roadway is not maintained to the requirements set forth in the contract documents, the District may hire a street cleaning company to perform the roadway cleaning and back-charge any costs to this Prime Contractor.
3. This Prime Contractor shall coordinate with the; Electrician Contractor to allow all Contractors unabated access to the building and surrounding work areas.
4. This Prime Contractor shall provide and maintain temporary chemical toilets for the duration of the project for the sitework portion of this project, for all Prime Contractors. The quantity of these toilets should be as required to properly maintain sanitary facilities and easy access for the personnel on the job. This quantity shall be a minimum of two toilets per major work area. This requirement shall include all necessary paper products, supplies and services, as well as the maintenance of these toilets until all work is complete and the Owner assumes partial occupancy of the completed work areas. As a minimum, this Contractor shall include the pumping and servicing of these toilets twice per week.
5. All Scaffolding or Stair Towers shall be designed and stamped by a licensed NYS PE. When designing this scaffolding consideration should be given to the environment, scaffolding system being used, means of access, means of tying the scaffolding to the structure, location, length of time to be erected, climate conditions, wrapping/containment of building, purpose of use, loadings, etc. all scaffolding and/ or stair tower access points must be secured while not in use. If and when needed, the scaffolding may be used for access by other Prime Contractors during construction- this contractor will not restrict access by others using the scaffold.
6. This Prime Contractor shall provide testing and inspection of the scaffolding on a daily basis and per governing regulation (e.g.: OSHA). A log of these inspections is to be kept in the PCGC's job trailer, along

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with inspections tags that identify the status of the scaffolding (inspection dates, okay to use, caution, danger). Report to the Construction Manager all corrective work required through the course of the project.

7. This Prime Contractor shall include in his bid price, all costs to provide **6' high** chain link construction fencing and gates. All fencing shall have a tightly woven, blind screen mesh installed on the "construction" side of the fence. Mesh to be dark green or black. When directed by the Construction Manager, this Prime Contractor shall remove and dispose of this fencing and all related materials. Gates for man access shall be passive to the exterior of the jobsite during the event of an emergency but remain closed for unauthorized entry during construction. All gates shall be locked when the site is not active, with a double-keyed system, granting the District access to the site at all times.
8. Construction Signage. This Prime Contractor shall include in his base price all construction signage required by OSHA and the Site Logistics plans. At the site fence, "Construction Area keep out", "Hard Hats Required" and "Authorized personal only" signage shall be posted every 10' on site fencing. This Prime Contractor shall reference the logistics plans for each project to include any other signage designated for entry gates. Signs shall be made of either metal or durable PVC to endure the project duration.
9. This Prime Contractor is responsible for the protection of finished work and existing conditions. Including but not limited to; finished grade, turf, fencing, etc.. This Prime Contractor will provide, maintain, and remove the appropriate protection materials necessary to adequately protect his finished product.
10. This Prime Contractor shall provide fire extinguishers for the life of the project, the extinguishers are to be hung and identified as per OSHA requirements (1 per 3000 sq ft, or better). These extinguishers are to be re-charged and inspected for the life of the project.
11. This Prime Contractor will hire the services of an underground utility surveyor, via Ground Penetrating Radar, to locate and mark all existing underground utilities and services within the Area of Work. The contractor shall then provide the Owner with an As-Built drawing showing the locations of all found utilities. The As-Built drawings shall be performed via Auto-Cad and in color, representing the different utilities found.
12. This Prime Contractor will repair, replace, correct, or finish grade, topsoil, and seed all areas within the construction site that was disturbed by the work of this project, including any staging areas for material and equipment.
13. This Prime Contractor shall hire the services of a NYS Professional Surveyor to provide interval surveying as required in 32 18 23. A survey shall also be performed to establish the line, level and grade elevations. At the completion of the project, a final As-Built Survey for the elevations of the new turf field and surrounding impacted areas will be provided by this Prime Contractor and delivered to the Architect, CM and Owner. The survey shall be included in this Prime Contractor's Closeout documents, via full-size drawings.
14. This Prime Contractor shall include all of the utility trenching for utilities to the new field lighting and both new scoreboards. This Prime contractor shall provide the bedding, backfill, compaction and patching of grass, asphalt or concrete, once the trench is closed. At no point should more trench be opened than what can be backfilled within a 24 hour period. The 24 hour period includes the time for the electrician to install their conduit.

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This Prime Contractor shall include protection around any open trench, by the means of steel plating, barricades and fencing. By no means should any open trench be left unattended without such provisions.

Prime Contractor for Mechanical (PCMC)

Contracts: H

1. The PCGC shall provide dumpsters for this contractor to use for day-to-day rubbish. Each Prime Contractor is responsible for collecting, moving, placing, breaking down boxes and pallets, and disposing rubbish, on a daily basis, all debris from their activities into a dumpster supplied by the PCGC. Each Prime Contractor is responsible to broom clean the areas they worked in at the end of each day. **This Prime Contractor (PCMC) will include in his bid price the provision to remove large HVAC equipment from the site, at his own costs, including but not limited to RTUs, Chillers, Unit Ventilators, and Air Handlers.** All other debris is to be disposed of in the PCGC's dumpsters.
2. **Existing Ceilings:** This Prime Contractor (PCMC) should note there are numerous areas where the existing ceilings are remaining. **This Contractor will be required to remove and reinstall any ceilings displaced by installation of this Contractor's Work, where ceilings are not being removed on the Architectural Plans.** If open ceilings are not replaced within a twenty-four hour period after a request by the Construction Manager, either verbal or written, the Construction Manager will have said ceilings reinstalled and all related costs will be back charged to said Contractor.

Any damage or dirt from the removal and reinstallation of ceiling systems, caused by this Prime Contractor will the responsibility of this contractor to replace in kind, or better.
3. This Prime Contractor shall coordinate with the Electrician and General Construction Prime Contractor to allow all Contractors unabated access to the building.
4. **Access to Work within Existing Walls, Ceiling & Floors:** Unless otherwise noted in the construction documents, this Prime Contractor will cut and cap their own work inside finished walls, floors and ceilings. Access for removals, installation and capping within existing chase walls, walls, soffits or hard ceilings that are not indicated on the drawings for the PCGC to remove and replace- will be cut and patched by the MEP contractor requiring access. For shared access to the same wall/ceiling systems, the contractor with the most work will be responsible for cutting and patching the shared openings. Patching must be performed by a skilled tradesman of the associated work (carpentry, taping, painting, etc.,).
5. Each Prime Contractor is required to fire stop and/ or smoke stop all walls, floors and ceilings after completion of all their own work.
6. This Prime Contractor is responsible for protection of finished work and existing finishes. This Prime Contractor will provide, maintain, and remove the appropriate protection materials necessary to adequately protect his finished product.
7. **Openings in Existing Systems:** Each respective Prime Contractor will be responsible to provide their own openings through existing walls, floors, slabs, ceiling and roofing systems not indicated to be removed by the PCGC on the Contract Drawings. Where openings for MEPs are required in new walls, floors, slabs, ceilings or roof systems, the GC shall coordinate with the respective MEP Prime contractor to locate those openings and frame the system to incorporate the new opening.

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8. Core Drilling: Each respective Prime Contractor shall provide their own core drilling through existing and new wall, floor/slab or foundation systems.
9. Roof Systems: In any case, this Prime Contractor (PCMC) shall make all penetrations through the existing Roofing System with a qualified roofer who is certified on the existing roof system. Openings in the roof deck shall be coordinated by the respective contractor requiring the opening, and the opening shall be made by the hired roofing contractor through the Prime Contractor for Mechanical Construction.
15. New Mechanical Roof Top Units, Exhaust Fans and Pipe Portals will be furnished and installed by the Mechanical Prime (including roof membrane/insulation cutting and patching), with final Electrical/ Fire-Alarm terminations by the Electrical Prime under separate contracts.

Roof Top Curbs and Pipe Portals will be furnished, lifted/picked, and set/installed by the Mechanical Prime Contractor. Blocking for curbs, final flashing, roof deck penetrations/openings and structural reinforcing shall be by the Mechanical Prime Contractor. Coordination between each trade to install the roof system and new curbs in a seamless matter is required per each Prime's contract. The following sequence clarifies the coordination between the Mechanical (PCMC) and Electrical (PCEC) trades for New Mechanical Exhaust Fan Equipment:

- C. Roof Top Unit Curbs (Exhaust Fans, Etc.):
 1. Furnished, coordinated, lifted/picked and installed (excludes roof flashing and blocking) by Mechanical (PCMC) Prime.
 2. Deck/Roof Opening, Structural Reinforcing, Blocking, Insulation and Roof Flashing by Mechanical (PCMC) Prime.
 3. Pipe Portals/ Pitch Pockets Furnished by Mechanical (PCMC) Prime.
 4. Pipe Portals/ Pitch Pockets Installed and Flashed by Mechanical (PCMC) Prime.
- D. Mechanical Equipment (Exhaust Fans, Etc.):
 1. Furnished, hoisted/picked and installed by Mechanical (PCMC) Prime.
 2. Piping by Mechanical (PCMC) Prime
 3. Ductwork by Mechanical (PCMC) Prime
 4. Controls by Mechanical (PCMC) Prime
 5. Electrical by Electrical (PCEC) Prime
 6. Fire Alarm/ Shutdowns by Electrical (PCEC) Prime

Temporary protection of open curbs prior to units being installed, will be provided and maintained, by the by Mechanical (PCMC) Prime in cooperation of all other trades. Water infiltration as a result of any other Prime Contractor not re-protecting open roof curbs, will be the sole responsibility of that trade to reimburse the PCMC - to correct the temporary protection. Any damages to the interior finishes of the building, caused by water infiltration, will be the responsibility of that Prime Contractor causing the leak, to correct the damages per the terms of the General Conditions.

Prime Contractor for Electrical (PCEC)

Contract: 'E'

1. The PCGC and the PCCC shall provide dumpsters for this contractor to use for day-to-day rubbish. Each Prime Contractor is responsible for collecting, moving, placing, breaking down boxes and pallets, and disposing rubbish, on a daily basis, all debris from their activities into a dumpster supplied by the PCGC or

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the PCCC. Each Prime Contractor is responsible to broom clean the areas they worked in at the end of each day.

2. The Prime Contractor for Electrical is to temporarily support existing ceiling mounted equipment/devices (i.e., speakers, fire alarm apparatuses, exit signs, wiring, light fixtures, etc.) as required for demolition of existing ceilings until new equipment/devices are installed or existing equipment/device can be permanently remounted in the new ceiling by this Prime Contractor – whether shown on the plans or not.
3. The Prime Contractor for Electrical shall provide and keep temporary light and power operational for a period from fifteen minutes before the earliest starting time of the earliest trade, to fifteen minutes after the established quitting time of the trade which stops latest in the evening (fifteen foot candles) throughout the entire construction area (normal working hours 7:00 am to 4:00 pm, second-shift 3:00pm-11:00pm).

This applies to all scheduled workdays, Monday through Saturday inclusive, which are established as regular workdays for any trade engaged in the work, including such days that are holidays for Electricians but are regular workdays for other trades. These services are to be kept operational until the CM determines that they are no longer required for the execution of the work. Temporary light shall consist of a minimum of (1) bulb and cage per 10 square feet of floor space in all spaces no matter of size throughout the existing building spaces being renovated.

The Prime Contractor for Electrical shall include in his base price all costs associated with providing and maintaining adequate temporary light and power to all areas of work required by the construction documents. Each major area of work shall be provided with an adequate sized distribution panel for temporary light and power.

4. The Prime Contractor for Electrical shall provide temporary power for masonry work, mixers, steel work, or fire proofing work, compressors etc. that may require 220V temporary power. Power is to be provided at each major area of work if required.
5. **Existing Ceilings:** This Prime Contractor (PCEC) should note there are numerous areas where the existing ceilings are remaining. **This Contractor will be required to remove and reinstall any ceilings displaced by installation of this Contractor's Work, where ceilings are not being removed on the Architectural Plans.** If open ceilings are not replaced within a twenty-four hour period after a request by the Construction Manager, either verbal or written, the Construction Manager will have said ceilings reinstalled and all related costs will be back charged to said Contractor.

Any damage or dirt from the removal and reinstallation of ceiling systems, caused by this Prime Contractor will the responsibility of this contractor to replace in kind, or better.

6. This Prime Contractor shall coordinate with the General Construction Prime and Mechanical Prime Contractors to allow all Contractors unabated access to the building.
7. **Access to Work within Existing Walls, Ceiling & Floors:** Unless otherwise noted in the construction documents, this Prime Contractor will cut and cap their own work inside finished walls, floors and ceilings. Access for removals, installation and capping within existing chase walls, walls, soffits or hard ceilings that are not indicated on the drawings for the PCGC to remove and replace- will be cut and patched by the MEP contractor requiring access. For shared access to the same wall/ceiling systems, the contractor with the most work will be responsible for cutting and patching the shared openings. Patching must be performed by a skilled tradesman of the associated work (carpentry, taping, painting, etc.,).

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8. Each Prime Contractor is required to fire stop and/ or smoke stop all walls, floors and ceilings after completion of all their own work.
9. This Prime Contractor is responsible for protection of finished work. This Prime Contractor will provide, maintain, and remove the appropriate protection materials necessary to adequately protect his finished product.
10. Existing Fire Alarm: This Prime Contractor (PCEC) shall include in their base price all costs associated to temporarily maintain the existing fire alarm during construction, through a qualified vendor certified to work on the building's FA system. In the case that the fire alarm needs to be taken off-line, the EC is to provide a dedicated Firewatch per NFPA and NYSED's requirements.

This Prime Contractor will modify all existing Fire Alarm devices that are part of the existing building being renovated, maintain the devices throughout construction, and or disconnect as needed. This Prime Contractor will assure that no troubles exist, by hiring a Fire Alarm vendor who is licensed to modify the existing Fire Alarm system to accept any temporary changes through construction.

Any work which modifies the existing Fire Alarm shall take place after-hours in buildings that are occupied with Students and Faculty. This includes Student and Faculty occupancy over the Summer academic-recess months.

Surface Mounted Devices: This Prime Contractor shall remove all existing surface-mounted Fire Alarm Devices such as Strobes, Horns, etc., on walls receiving new finishes, such as ceilings, and shall reinstall devices on face of a new finished wall/ceiling system. This includes any type of surface-mounted conduit/ wire-mold.

Recessed Devices: This Prime Contractor shall modify any in-wall/recessed Fire-Alarm boxes for devices such as Strobes, Horns, etc., with collars or extensions to extend the devices below the ceiling system in areas where existing walls are receiving new finishes, such new ceilings, etc.,.

11. This Prime contractor will modify existing power devices where walls are receiving new finishes, such as new ceilings, etc..
Surface Mounted Devices: This Prime Contractor shall remove all existing surface-mounted Electrical Devices such as receptacles, junction boxes, speakers, clocks, security cameras etc., on walls receiving new finishes, such as new ceilings, etc., and shall reinstall devices in new locations . This includes any type of surface-mounted conduit/ wire-mold.
Recessed Devices: This Prime Contractor shall modify any in-wall/recessed Electrical Devices such as light switches, receptacles, junction boxes, etc., with collars or extensions to meet the face of the new wall finish in areas where existing walls are receiving new finishes, such as tile, etc..
12. This Prime Contractor is to develop a separate site-specific electrical service shutdown/upgrade schedule within four weeks after Notice of Award. This schedule will be developed in conjunction with the Construction Manager and the Owner. No shutdown/transfer will be permitted at any time without prior written notification. The Prime Contractor for Electrical shall provide temporary power for all 'others' work ongoing at the site during any electrical shutdown or transfer period that would otherwise deny other contractors power. No shutdown or transfer shall be allowed during active school hours. Any and all shutdowns must be scheduled on the Owners off days (weekends, holidays). Any shutdown longer than three days will require this Prime Contractor to supply temporary power for the Owner (i.e., generators). The Electrical Prime Contractor shall provide a minimum of forty-eight hours' notice to the Owner and the Construction Manager or any necessary power shutdown.

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13. New Mechanical Roof Top Units, Exhaust Fans and Pipe Portals will be furnished and installed by the Mechanical Prime (including roof membrane/insulation cutting and patching), with final Electrical/ Fire-Alarm terminations by the Electrical Prime under separate contracts.

Roof Top Curbs and Pipe Portals will be furnished, lifted/picked, and set/installed by the Mechanical Prime Contractor. Blocking for curbs, final flashing, roof deck penetrations/openings and structural reinforcing shall be by the Mechanical Prime Contractor. Coordination between each trade to install the roof system and new curbs in a seamless matter is required per each Prime's contract. The following sequence clarifies the coordination between the Mechanical (PCMC) and Electrical (PCEC) trades for New Mechanical Exhaust Fan Equipment:

- E. Roof Top Unit Curbs (Exhaust Fans, Etc.):
1. Furnished, coordinated, lifted/picked and installed (excludes roof flashing and blocking) by Mechanical (PCMC) Prime.
 2. Deck/Roof Opening, Structural Reinforcing, Blocking, Insulation and Roof Flashing by Mechanical (PCMC) Prime.
 3. Pipe Portals/ Pitch Pockets Furnished by Mechanical (PCMC) Prime.
 4. Pipe Portals/ Pitch Pockets Installed and Flashed by Mechanical (PCMC) Prime.
- F. Mechanical Equipment (Exhaust Fans, Etc.):
1. Furnished, hoisted/picked and installed by Mechanical (PCMC) Prime.
 2. Piping by Mechanical (PCMC) Prime
 3. Ductwork by Mechanical (PCMC) Prime
 4. Controls by Mechanical (PCMC) Prime
 5. Electrical by Electrical (PCEC) Prime
 6. Fire Alarm/ Shutdowns by Electrical (PCEC) Prime

Temporary protection of open curbs prior to units being installed, will be provided and maintained, by the by Mechanical (PCMC) Prime in cooperation of all other trades. Water infiltration as a result of any other Prime Contractor not re-protecting open roof curbs, will be the sole responsibility of that trade to reimburse the PCMC - to correct the temporary protection. Any damages to the interior finishes of the building, caused by water infiltration, will be the responsibility of that Prime Contractor causing the leak, to correct the damages per the terms of the General Conditions.

14. Openings in Existing Systems: Each respective Prime Contractor will be responsible to provide their own openings through existing wall, floor, and ceiling systems not shown to be removed on the Architectural Drawings. Where openings for MEPs are required in new wall, floor or ceiling systems, the GC shall coordinate with the respective MEP Prime contractor to locate those openings and frame the system to incorporate the new opening.
15. Core Drilling: Each respective Prime Contractor shall provide their own core drilling through existing and new wall, floor/slab or foundation systems.
16. Roof Systems: Electrical penetrations in the roof deck must be coordinated with the PCMC, and must be performed by this Prime Contractor. This Prime Contractor shall use the provided pitch-pockets/ pipe portals to run their conduit and cable.

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17. Trenching for Field Lighting and Scoreboards: This Prime Contractor shall include adjusting the elevation of provided bedding by the Prime Contractor for Civil Construction (PCCC) contractor to lay their conduit in trenches dug by the PCCC. This Prime contractor will lay their conduit promptly after the excavation of trenches within 12 hours of the trench being excavated. This Prime Contractor shall perform their underwriters certification prior to having the PCCC backfill. At no time shall more trench be open than can be backfilled within a 24 hour window. This Prime Contractor (PCEC) will insure that they abide by all Federal (OSHA/NIOSH) and local guidelines while performing their conduit installation within trenches.
18. Field Lighting: This Prime Contractor shall include furnishing and installing all new field lighting, including all new power provisions, the erection of masts and the installation of footings/foundations. Excavation for the field lighting foundations is to be included by this Prime Contractor, including the design, forming, reinforcing, and pouring of foundations. Utility trenching shall be by this Prime Contractor, 5'-0" from the foundation of the light pole.

This Prime Contractor will provide all of the testing and training required to turn over the new field lighting to the District, for Owner acceptance.

19. Scoreboards: This Prime Contractor shall include furnishing and installing both new scoreboards, including the removal of both existing scoreboards and any modifications to the existing scoreboard structure. This Prime Contractor shall include all new power and communication provisions to each scoreboard as shown on the drawings. This Prime Contractor shall include excavation for utilities, 5'-0" form the foundation of the scoreboard structure to the utility trench provided by the PCCC.

This Prime Contractor will provide all of the testing and training required to turn over the new signs to the District, for Owner acceptance.