

**FASHION INSTITUTE OF TECHNOLOGY
DUBINSKY CENTER, POMERANTZ CENTER,
BUSINESS AND LIBERAL ARTS CENTER,
HAFT THEATER
& 7TH AVENUE FAÇADE REPAIR & CLEANING
INVITATION FOR BID NUMBER C1618**

Table of Contents

SECTION I.	Notice to Bidders Attachment A – Bid Checklist Attachment B – Contractor Reference Sheet
SECTION II.	Bid Terms and Conditions
SECTION III.	Contract Terms and Conditions Attachment C – Bid Analysis Form
SECTION IV.	General Requirements
SECTION V.	General Conditions
SECTION VI.	Labor & Material Payment Bond
SECTION VII.	Performance Bond
SECTION VIII.	Form of Bid
SECTION IX.	Non-Collusive Bidding Certification
SECTION X	Substitution Form Request
SECTION XI.	Contract
SECTION XII.	Affirmative Action Form
SECTION XIII.	Change Order Form
SECTION XIV.	Contractor’s Trade Payment Breakdown
SECTION XV.	Darius Toraby Architects General Conditions and Provisions
EXHIBIT A.	Safety EHS Plan
EXHIBIT B.	Prevailing Wage Schedule
EXHIBIT C.	Specifications
EXHIBIT D.	Drawings

SECTION I:
NOTICE TO BIDDERS

SECTION I: NOTICE TO BIDDERS

FASHION INSTITUTE OF TECHNOLOGY DUBINSKY CENTER, POMERANTZ CENTER, BUSINESS AND LIBERAL ARTS CENTER, HAFT THEATER & 7TH AVENUE FAÇADE REPAIR & CLEANING INVITATION FOR BID NUMBER C1618

For the purposes of this project (the “Project”) the Fashion Institute of Technology and its auxiliary dormitory organization, the F.I.T. Student Housing Corporation, shall hereinafter be collectively referred to as “FIT” unless otherwise distinguished herein. Neither the Fashion Institute of Technology nor F.I.T. Student Housing Corporation will be responsible for receipt of any Bid which does not comply with the instructions as set forth further in this document.

FIT is **ONLY** accepting electronic scanned bids for the subject project. You must email your bid to purchasingbids@fitnyc.edu in PDF format and it should include all the requested documents (See Attachment A – Bid Checklist) including a scanned image of your bid security (Certified Check of 2 percent or Bid Bond of 10 percent of your total bid price), we’ll also need you to mail us the original copy of the bid security to have on file. The bid security must either be mailed to 227 W 27th Street, New York, NY 10001 or dropped off at 333 7th Avenue (16th Floor), New York, NY 10001. Bids must be received by **April 30, 2024, on or before 12:00 P.M.** All bidders will be notified of the bid results by the end of the bid due date. Bid results are not official until each package has been fully reviewed.

ATTACHMENT A - BID CHECKLIST

**FASHION INSTITUTE OF TECHNOLOGY
DUBINSKY CENTER, POMERANTZ CENTER,
BUSINESS AND LIBERAL ARTS CENTER,
HAFT THEATER
& 7TH AVENUE FAÇADE REPAIR & CLEANING
INVITATION FOR BID NUMBER C1618**

Bidder shall meet the following requirements and submit necessary information with the Bid. Failure to comply with these requirements shall be grounds for rejection of your Bid.

- Did you attend the **mandatory** site inspection?
- Did you include all required documentation? (As per Bidder Requirements – i.e. proof of being in business, permits, licenses, certifications, etc.)
- Did you include the Form of Bid? (See Section VIII.)
- Did you include the Non-Collusive Bidding Certification? (See Section IX.)
- Did you complete in full the Bid Analysis Form, (See Attachment C)
- Did you sign for each Addendum to this project, if any were published? (It is the contractor's responsibility to check FIT's "Current Bid Opportunities" webpage for addendums prior to submitting their bid.)
<https://www.fitnyc.edu/about/administration/finance/purchasing/current-bids.php>
- Did you complete the Contractor Reference Sheet? **Do not list FIT as your projects of similar size and scope.** (See Attachment B)
- Can you provide the required levels of insurance coverage? See: General Conditions – Article 15
- Did you include the Bid Security?
- Can the bidder provide references to at least three (3) different prior contracts that have been completed within the past five (5) years that are similar in size and scope to the project indicated for this Contract?
- Did you provide proof of years in business/date of incorporation?
- Sub-contracting percentage shall **not exceed 30%** of the project cost.
- Did you include an audited or reviewed financial report for the last two (2) years with your bid?

ATTACHMENT B - CONTRACTOR REFERENCE SHEET
FASHION INSTITUTE OF TECHNOLOGY
DUBINSKY CENTER, POMERANTZ CENTER,
BUSINESS AND LIBERAL ARTS CENTER,
HAFT THEATER
& 7TH AVENUE FAÇADE REPAIR & CLEANING
INVITATION FOR BID NUMBER C1618

FIT requests a minimum of three references for **completed** projects of similar size and scope. Please complete the following information for each reference: **(Do not list FIT as your projects of similar size and scope.)**

Contact Name/Title: _____
 Company Name/Address: _____
 Phone Number: _____
 Project Name: _____
 Project Cost: _____
 Project Start/End Date: _____
For FIT Use Only – Reference Responses
 Quality of Work: _____ Site Maintenance: _____
 Scheduling: _____ Cooperation: _____ Safety Standards: _____
 Permits: _____ Report Submittals: _____ Payments: _____
 Other Relevant Factors: _____
 Overall Performance Rating: Excellent ___ Satisfactory ___ Marginal ___ Unsatisfactory ___

Contact Name/Title: _____
 Company Name/Address: _____
 Phone Number: _____
 Project Name: _____
 Project Cost: _____
 Project Start/End Date: _____
For FIT Use Only – Reference Responses
 Quality of Work: _____ Site Maintenance: _____
 Scheduling: _____ Cooperation: _____ Safety Standards: _____
 Permits: _____ Report Submittals: _____ Payments: _____
 Other Relevant Factors: _____
 Overall Performance Rating: Excellent ___ Satisfactory ___ Marginal ___ Unsatisfactory ___

Contact Name/Title: _____
 Company Name/Address: _____
 Phone Number: _____
 Project Name: _____
 Project Cost: _____
 Project Start/End Date: _____
For FIT Use Only – Reference Responses
 Quality of Work: _____ Site Maintenance: _____
 Scheduling: _____ Cooperation: _____ Safety Standards: _____
 Permits: _____ Report Submittals: _____ Payments: _____
 Other Relevant Factors: _____
 Overall Performance Rating: Excellent ___ Satisfactory ___ Marginal ___ Unsatisfactory ___

FIT
 Interviewer: _____ Signature: _____ Date: _____

SECTION II:
BID TERMS AND CONDITIONS

SECTION II. BID TERMS AND CONDITIONS

SPECIFICATIONS FOR FASHION INSTITUTE OF TECHNOLOGY DUBINSKY CENTER, POMERANTZ CENTER, BUSINESS AND LIBERAL ARTS CENTER, HAFT THEATER & 7TH AVENUE FAÇADE REPAIR & CLEANING INVITATION FOR BID NUMBER C1618

I. INTRODUCTION

The Fashion Institute of Technology, a community college of art and design, business and technology of the State University of New York, currently has an enrollment of approximately 10,000 full and part-time students. Located in the Chelsea area of Manhattan, FIT's facilities are composed of a twelve-building complex containing administrative/academic offices, classrooms, computer labs, and studios. There are three (3) residence halls located on West 27th Street that currently house approximately 1,250 students and one (1) residence hall located at 406 West 31st Street that houses approximately 1,100 students. F.I.T. Student Housing Corporation is a separate, not-for-profit corporation that was established pursuant to the laws of the State of New York to own and operate these residence halls for the benefit of the College and its students. For purposes of this project all references to FIT shall be recognized to refer to the Fashion Institute of Technology (hereafter, "FIT" or the "College") and the F.I.T. Student Housing Corporation together, unless specifically designated otherwise. The successful responsive and responsible bidder (hereinafter "Contractor") shall be required to enter into a contract with FIT based on the Contract Documents, (including Notice to Bidders, Bid Terms and Conditions, Contract Terms and Conditions, General Requirements, General Conditions, Labor & Material Payment Bond, Performance Bond, Form of Bid, Non-Collusive Bidding Certification, Substitution Form Request, Contract, Affirmative Action Form, Change Order, Form, Contractor's Trade Payment Breakdown, Safety EHS Plan, Prevailing Wage Schedule, Specifications, and Drawings), attached hereto and incorporated herein.

II. SUMMARY OF SCOPE OF WORK

The Work of the Project is defined by the immediately following Project Description herein below and by the Contract Documents.

Project Description: Provide labor, materials, tools and equipment to complete the façade repairs at the Dubinsky Center, Business and Liberal Arts Center, Haft Theater, Pomerantz Center and 7th Avenue Façade Cleaning. Contractor may begin procurement of materials and survey of existing conditions following award. A detailed scope of work is outlined in the contractor's proposal from blank and specifications. The Contractor is to coordinate with FIT's On-Call Security Devices and Wiring Contractor.

The installation of all equipment in accordance with the Manufacturer's Installation/Operation & Maintenance Manuals & Instructions shall be followed.

III. **BIDDER REQUIREMENTS**

Bidder shall meet the following requirements and submit necessary information with the Bid. Failure to comply with these requirements shall be grounds for rejection of your Bid. FIT reserves the right to reject bids with incomplete information or bid security, or contain conditions not specified in the Bid Terms and Condition herein, or which are presented on a different form other than that provided to bidders. FIT reserves the right to determine whether a Bidder has substantially met all the Bid requirements and to ask for additional information prior to making such a determination.

- A. Bidder shall have been primarily a **General Contractor in façade repair work in NYC in connection with Local Law 11 compliance** for a minimum of ten (10) years as of the Bid Opening Date. Proof shall be submitted with the Bid.
- B. Bidder shall have satisfactorily performed work of the size, scope and nature to be performed under this Contract, as evidenced by **references from at least three (3) different successfully completed contracts in an installation similar to those indicated for this Contract in the past five (5) years**. Bidder shall include for each reference: project location, dollar value of contract; initiation and completion date, name, title, address and telephone number of contact person. References cannot be members of FIT staff or FIT consultants.
- C. **Bidder shall attend the mandatory pre-bid meeting and site inspection. Failure to comply with this requirement shall be grounds for rejection of the Bid.**
- D. Bidder is responsible for all necessary field measurements, all necessary data on the existing conditions and verification of all quantities and dimensions listed in the Project Specifications and Drawings, if applicable.
- E. By submitting a Bid, Bidder agrees that s/he has examined the Contract Documents, visited the site, noted all conditions and limitations affecting the Work, and fully understands the nature of the Work. Bidder is required to inform FIT in writing immediately of any instance where changed conditions are encountered.
- F. Bidder shall submit documentation of financial viability, including balance sheets and profit and loss statement for the prior two (2) years, with the Bid.
- G. Bidder, upon request, shall submit copies of current licenses and certifications applicable to the work, including, but not limited to, licenses issued by the Commissioner of Buildings of the City of New York. Proof of the following certificates will also be required: 10 Hour OSHA Outreach Training Program; Asbestos Awareness Training, FDNY Certificate of Fitness, with the Bid.

IV. APPROVAL OF SUBCONTRACTORS

Subcontracting shall be permitted **not to exceed 30%** of the work of the Project as determined by FIT. The ratio of the contractors and subcontractors work must be included with your bid submission. All subcontractors are required to gain prior written approval by FIT's Facilities Director. The General Contractor will be the Prime Contractor (hereinafter "Contractor) and **is permitted** to Subcontract the following types of Services:

- Sidewalk Shed
- Pipe Scaffolding
- Asbestos & PCB Removal
- Electrical Hookups
- Portable Bathrooms
- Site Safety
- Other similar work types, other than Façade Repairs.

The Contractor will require that the terms of this Contract apply to the sub-contractors and shall cause all sub-contractors to comply with the terms of this contract.

V. BID SECURITY

Failure to provide Bid Security in the prescribed manner shall result in the rejection of the Bid.

Bidder shall provide Bid Security in the form of either a bid deposit or a bid bond, at Bidders option. The bid deposit shall be in the form of a certified check made payable to "Fashion Institute of Technology" in an amount no less than two percent (2%) of the total bid price. The bid bond shall be in an amount no less than ten percent (10%) of the total bid price.

VI. PRE-BID SITE INSPECTION AND QUESTIONS

A **mandatory** Pre-Bid Site Inspection for prospective Bidders will be held on **April 11, 2024 at 1:00 P.M.** at the Feldman Center Lobby, located at 227 W 27th St. New York, NY 10001. **Failure to attend shall be grounds for rejection of your Bid. All attendees must wear a mask while at the site inspection. Please also bring a business card.**

Bidder shall examine the Bid documents carefully. Before bidding, Bidder shall make any requests for interpretation of Bid documents or clarification of any ambiguity therein that should have been detected by a reasonably prudent Bidder. Questions shall be submitted in writing to the attention of Purchasing Department via email: purchasingbids@fitnyc.edu, no later than **April 19, 2024 on or before 3:00 P.M.** Answers shall be provided in the form of and Addendum and be posted on the FIT purchasing department website. Reference Bid number **C1618**.

VII. BID DESIGNATION

- A. FIT is **ONLY** accepting electronic scanned bids for the subject project. You must email your bid to purchasingbids@fitnyc.edu in PDF format and it should include all the requested documents (See Attachment A – Bid Checklist) including a scanned image of your bid security (Certified Check of 2 percent or Bid Bond of 10 percent of your total bid price), we'll also need you to mail us the original copy of the bid security to have on file. The bid security must either be mailed to 227 W 27th Street, New York, NY 10001 or dropped off at 333 7th Avenue (16th Floor), New York, NY 10001. Bids must be received by **April 30, 2024, on or before 12:00 P.M.** All bidders will be notified of the bid results within the hour. Bid results are not official until each package has been fully reviewed.
- B. Bids received late will not be considered.

VIII. PREPARATION OF THE BIDS

- A. Bids must be submitted on the forms supplied by FIT in the Bidder's full legal name or the Bidder's full legal name plus a registered assumed name. All blank spaces for bid prices must be filled in, using both words and figures, words to take precedence over figures. **Conditional bids shall not be accepted.** Bids shall not contain any recapitulation of the Work to be done. Bidder exclusions shall be grounds for bid rejection. Do not modify the bid forms supplied by FIT
- B. Bids that are illegible or that contain omission, alterations, additions or items not called for in the bidding documents may be rejected as not responsive. Any bid which modifies, limits, or restricts all or any part of such bid, other than as expressly provided for in the Notice to Bidders, Bid Terms and Conditions, and Contract Terms and Conditions, may be rejected as not responsive.
- C. FIT may reject any bid not prepared and submitted in accordance with the provisions of the Notice to Bidders, Bid Terms and Conditions, and Contract Terms and Conditions. Neither FIT nor the FIT Student Housing Corporation will be responsible for receipt of any Bid which does not comply with these instructions. Only those Bids emailed to the FIT Purchasing Dept. inbox (purchasingbids@fitnyc.edu) on or before **April 30, 2024, on or before 12:00 PM** will be considered.
- D. Any bid may be withdrawn prior to the scheduled time for the opening of bids or authorized postponement thereof and any bid received after such time and date shall not be considered.
- E. No Bidder may withdraw a bid within ninety (90) days after the actual date of the opening thereof.

IX. AWARD OF CONTRACT

- A. The award of the Contract shall be made to the Bidder submitting the lowest responsible bid if, in the opinion of FIT, the bid is responsive to the bid solicitation, and such Bidder is responsible and qualified to perform the work involved in the sole discretion of FIT. The lowest bidder will be considered the contractor with the lowest bid for the base bid. In case FIT will decide to include the ‘alternate’ in the scope of work, the lowest bidder will be considered the contractor with the lowest total of the base bid plus the alternate bid.
- B. FIT reserves the right to reject any bid or all bids, to waive any informalities or irregularities or omissions in any bid received.
- C. During the term of the Contract, the Contractor shall promptly notify FIT of any change in the ownership of the Contractor. Failure to notify FIT may result in termination of the Contract.
- D. FIT reserves the right, exercisable in its sole discretion, to cancel and withdraw from the Project at any time in advance of the award.
- E. Prior to the opening of the bids, Bidder shall promptly notify FIT of Change in ownership of the Bidder. Failure to notify with this bid shall be grounds for rejection of the Bid.

X. DAMAGES FOR FAILURE TO ENTER INTO CONTRACT

The successful Bidder, upon failure or refusal to execute and deliver the Contract and bond required within ten (10) days after such Bidder has received notice of the acceptance of such bid, shall forfeit to FIT as damages for such failure or refusal, the security deposited with the Bid or the sum of the difference between the total bid of the successful Bidder and the total bid of the Bidder submitting the next lowest bid, whichever sum shall be higher.

XI. PREVAILING WAGE

This contract is subject to New York State Labor Law 220, Article 8 Prevailing Wage Schedules. The Contractor shall submit with, each invoice, certified payrolls for all labor. Submission of a Certified Payroll with invoice in full compliance with labor laws is a condition of payment.

Contractor and its subcontractors shall pay at least the prevailing wage rate and pay or provided the prevailing supplements in accordance with the Labor Law.

A copy of the prevailing wage schedule, for New York County, can be found at the New York State Department of Labor website. (PRC# 2024001479)

www.labor.ny.gov

Bidder must also comply with all applicable federal, state, and local laws rules, regulations, requirements, and codes, including but not limited to, the statues regulations, laws, rules and requirements specifically referenced in the documents annexed hereto.

XII. M/WBE AND SDVOB

FIT encourages minority and women business enterprise participation in this project by contractors, subcontractors and suppliers, and all bidders are expected to cooperate with that commitment. Also, bidders are encouraged to use Service-Disabled Veteran-Owned Businesses (SDVOB). A directory of New York State Certified Minority and Women's Business Enterprises is available from: Empire State Development Corporation, Minority and Women's Business Development Division at: <http://www.esd.ny.gov/mwbe.html> to assist potential bidders in locating sources of M/WBE subcontractors and reaching these goals. SDVOBs can be readily identified on the directory of certified businesses at: <https://online.ogs.ny.gov/SDVOB/search>."

XIII. MISCELLANEOUS

- A. FIT reserves the right to request clarifications from bidders for purposes of assuring a full understanding of responsiveness and further reserves the right to permit revisions from all bidders who might be, in FIT's sole discretion determined to be viable bidders for contract award, prior to the award.
- B. FIT reserves the right to reject separable portions of any offer, to negotiate terms and conditions consistent with the bid, and to make an award for any or all remaining portions.
- C. FIT reserves the right to eliminate mandatory requirements unmet by all bidders.
- D. Any additional vendor terms which are attached or referenced with a submission shall not be considered part of the bid or proposal, but shall be deemed included for informational purposes only.
- E. Unless otherwise specifically stated in the Bid Terms and Conditions, all specifications and requirements constitute minimum requirements. All bids must meet or exceed stated specifications and requirements.
- F. FIT reserves the right to make an award to the responsive and responsible bidder whose product or service meets the terms, conditions, and specifications of the Bid and whose bid is considered to best serve FIT's interest. In determining the responsiveness and responsibility of the bidder, FIT may consider the following factors, including but not limited to: the ability, capacity, and skill of the bidder to perform as required; whether the bidder can perform promptly, or within the time specified without delay or interference; the character, integrity, reputation, judgment, experience and efficiency of the bidder; the quality of past performance by the bidder; the previous and existing compliance by the bidder with relevant laws and regulations;

the sufficiency of the bidder's financial resources; the availability, quality, and adaptability of the bidder's equipment, supplies and/or services to the required use; and the ability of the bidder to provide future maintenance, service, and parts.

SECTION III:
CONTRACT TERMS AND CONDITIONS

SECTION III. CONTRACT TERMS AND CONDITIONS

I. COMPLIANCE REQUIREMENTS

All work hereunder, including but not limited to material and installations, shall be in compliance with the Contract Documents including both specifications and drawings, as well as all applicable state and local building codes (such as the New York City Building Code) and the rules, regulations of governmental agencies and utility companies having jurisdiction over the work.

The following additional notes shall be considered as part of the officially filed drawings:

N/A

THE WORK:

Unless modified by the Contract Documents, the work of each section of the specifications shall include all labor, materials, testing, tools and equipment necessary and reasonably incidental to **repair the façade and cleaning of the Dubinsky, Pomerantz Center, Business and Liberal Arts Center, Haft Theater and 7th Avenue.**

WORKMANSHIP:

All work shall be performed by persons skilled in the work. Work shall be installed true to dimension, plumb and level with neat, accurate cutting and fitting of all materials in accordance with recognized standards of workmanship.

ON-SITE VERIFICATION:

The Contractor shall verify all dimensions and site conditions prior to commencing the work. Dimensions may not be scaled from drawings. Should there be a discrepancy, Contractor is to notify FIT Facilities Director and Architect immediately for clarification.

COORDINATION OF THE WORK:

The Contractor shall be responsible for the coordination of the work and the means and methods of construction and provide FIT with the resume of Contractor's project manager ("Project Manager"). FIT's Facilities Director shall approve the Project Manager and reserves the right to request a replacement Project Manager upon reasonable notice.

WORK HOURS:

Regular work hours are from **7:00 am to 6:00 pm** unless otherwise specified in the Contract Documents. Contractor will have reasonable access to the site in order to complete the work in the given time frame. Contractor shall comply with FIT's additional work rules related to such extended access. All labor costs required to meet this deadline are the sole responsibility of the Contractor and shall be included in the contract price. FIT reserves the right to put the work on hold on three (3) occasions during the course of construction for any length of time and for any reason.

PERFORMANCE AND PAYMENT BONDS

In addition to the insurance and bond requirements specified in the General Conditions, Performance and Payment Bonds shall be required for the Work of this Contract.

- A. Concurrently with the delivery of the executed Contract, Contractor shall furnish to FIT and maintain, at its own cost and expense a Performance Bond in an amount at least equal to one hundred percent (100%) of the contract price as security for faithful performance of the Contract and also a Labor and Material Payment Bond in an amount at least equal to one hundred percent (100%) of the Contract price for the payment of all persons performing labor on the project under the contract or furnishing materials in connection with the Contract. The surety on such bonds shall be a surety company rated B+ or better by A.M. Best Company, shall be licensed to do business in the State of New York, and shall hold a certificate of authority as an acceptable surety on federal bonds or otherwise satisfactory to FIT.
- B. Attorneys-in-fact who sign said bonds on behalf of a surety must affix to each bond a certified and effectively dated copy of their power of appointment.

CONFLICTS, ERRORS AND OMISSIONS:

1. The Contract Documents and typical details apply throughout the work unless noted otherwise.
2. In the event that certain features of the work are not fully shown on the drawings, Contractor must obtain clarification from the FIT Facilities Director and Architect through the use of an AIA Standard RFI form (copies can be obtained from the Architect) before proceeding with the work.
3. In the event of conflicts with the drawings and/or specifications, the Contractor must promptly notify the FIT Facilities Director and Architect. The Architect will determine which shall govern.

MANUFACTURER'S PRODUCTS AND FABRICATIONS:

1. All manufacturers and fabricators printed warnings for handling of their products must be strictly observed.
2. All products and materials must be provided and installed in strict accordance with the requirements and recommendations of the manufacturer. In the event of conflict between the drawings or the specifications and the manufacturer's requirements and recommendations, Contractor must notify FIT Facilities Director and Architect to obtain clarification before proceeding with the work.
3. Contractor must verify all materials and manufactured items to be in conformance with applicable codes and regulations.

DELIVERY AND STORAGE OF MATERIALS:

1. All materials shall be new and delivered to the site in original, unbroken containers.
2. All materials shall be inspected by the Contractor at time of delivery and Contractor shall reject material evidencing damage or other defects.
3. Contractor shall provide secure and environmentally compatible storage facilities for all materials in accordance with the recommendations of the manufacturer.

PROJECT SCHEDULE:

1. Contractor shall attend a Project Initiation Conference, prior to the commencement of work at the site. Attending this Conference on behalf of the Contractor shall be an officer of the Contractor and the Project Manager assigned to the project. Contractor shall submit at this Conference a detailed timeline indicating the important milestones of the project and establishing an estimated date of substantial completion in accordance with Contract Documents. He/she shall also present all submittals required by the Contract Documents, such as Insurance Certificates, product tear sheets (not at the initial conference), copy of the General Liability insurance policy (amended to reflect required additional insureds), etc. Project access, storage locations, required crew size and other relevant issues shall also be addressed at this Conference.
2. Time is of the essence. Contractor shall be required to commence work within five (5) working days of receipt of a Notice to Proceed from FIT. The shop drawings process and ordering need to proceed first. Work shall commence on or about **May 15, 2024**. **The project shall be Substantially Completed no later than August 15, 2024.** Contractor must be de-mobilized and leave the job site on the ending date of work period. Only close-out, administrative tasks may continue beyond the closing date. Unless otherwise specified, the work is to be performed solely between the hours of **7:00 A.M. to 6:00 P.M.**, Monday through Friday, legal and union holidays excluded. All labor costs encountered to meet this deadline are the sole responsibility of the Contractor and shall be included in the Bid Price. FIT reserves the right, at no financial liability associated with the same, to put the Project work on hold on as many as three (3) separate occasions during the course of the Project for any length of time and for any reason.
3. On Monday of each week during the construction period, the Contractor shall email to FIT's Facility Director (or such other individual as FIT may designate at its sole discretion) a written report outlining the work completed during the preceding week and the work planned for the upcoming week. Included will be any unforeseen or anticipated problems regarding implementation of the work, in addition to Change Order requests, submission data, etc. Daily reports **MUST** be submitted to the CM and or the Facilities Department Designee.
4. Job meetings will be held at the site on dates to be determined by Architect and FIT. These meetings shall be attended by an officer of the Contractor, the Project Manager,

FIT's representative, and the Architect. The purpose of these meetings will be to review the status of the project, discuss any potential changes to the project scope, and resolve any problems relating to successful completion of the work

5. Owner's meetings will be held weekly via zoom and in person when needed. The dates to be determined by the Architect and FIT. These meetings shall be attended by the Contractors Project Manager, FIT, and the Architect. The purpose of these meetings is to keep the Owners informed of the process and to discuss any issues relating to the successful completion of the work.

PAYMENT:

In accordance with, and in addition to, the payment requirements of the Contract Documents, the Contractor shall provide sufficient and appropriate documentation for all invoices to FIT including submittal of invoices for actual cost of materials, labor rates, and certified payrolls. Filing of such payrolls shall comply with the New York State Labor Law and is a condition precedent to payment. FIT reserves the right to request additional information and/or documentation at any time.

Contractor is required to submit Monthly Contractor's Compliance Form (as attached in Section XII. Affirmative Action Form) with each Payment Requisition.

Contractor is required to submit a Certificate of Monthly Payment/Lien Waiver signed by each Sub-contractor with each Payment Requisition.

Contractor is required to submit Waste Management Form with each Payment Requisition.

LABOR HARMONY:

- A. Contractor is advised that he/she must maintain labor harmony throughout the duration of the Contract. All labor disputes, slowdowns, strikes and/or sympathy actions will be the sole responsibility of the Contractor to resolve in order to maintain harmony.
- B. All costs, delays and scheduling impacts associated with any labor dispute that arises from such action or inaction will be borne by the Contractor.
- C. Contractor will also be responsible for all costs, damages and scheduling impacts which affect and disrupt any other workers on site as well as FIT employees.
- D. It will be the Contractor's responsibility to resolve all labor disputes immediately.

Contractor is further advised that FIT has a large union presence on the campus. All work performed by the Contractor must provide the required labor harmony to perform work without labor incident or dispute which can delay, obstruct or effect the work and project schedule, or interfere with FIT's ability to operate.

II. GENERAL NOTES

In accordance with, and in addition to, the requirements of the Contract Documents:

1. All work listed on the construction notes and shown or implied on all drawings shall be supplied and installed by the Contractor unless otherwise noted on drawings and/or in specifications.
2. Contractor to determine coordination of trades.
3. Contractor shall verify all dimensions and conditions shown on drawings and shall notify FIT Facilities Director and Architect of any discrepancies, omissions, and/or conflicts before proceeding with the work.
4. Contractor must comply with the rules and regulations of agencies having jurisdiction and shall conform to all construction and safety codes, statutes and ordinances. All fees, taxes, permits and applications to be obtained through governmental agencies shall be the responsibility of the Contractor.
5. Contractor shall comply with the rules and regulations of the building as to hours of availability of loading docks and elevators for the purposes of delivery, waste removal and other needs related to the work. Coordination with FIT Facilities Department is required for the handling materials, movement in and out of building, equipment and debris to avoid conflict and interference with normal building operations.
6. All drawings and construction notes are complementary and what is called for by any will be binding as if called for by all.
7. Contractor shall maintain a current and complete set of construction documents on the construction site during all phases of construction.
8. Do not scale drawings; dimensions shown govern. Larger scale drawings shall govern over smaller scale.
9. Contractor shall maintain a current and complete set of shop drawings on the construction site
10. Contractor shall maintain a current and complete RFI (Request for Information) log on the construction site.
11. Contractor shall submit for approval, prior to commencing work, a list of all sub-contractors to FIT's Facilities Director, with the name, address and phone number of the

principal contact of each sub-contractor. In addition, he will file with the owner the emergency numbers available for 24-hour contact.

12. All work shall be performed by skilled and qualified workmen in accordance with the best practices of the trades involved and in compliance with building regulations and/or governmental laws, statutes or ordinances.
13. All materials shall be new, unused and of professional quality, unless otherwise noted, installed as per manufacturer's recommendations and instructions.
14. For purposes of the Specifications and Drawings sections in the Contract, the use of the words "Supplied By" or "Provided" in connection with any item specified is intended to mean that such item shall be furnished, installed and connected where so required.
15. All approvals of submittals shall be for design intent only. Contractor shall be responsible for quantities, dimensions and compliance with Contract Documents and for information pertaining to fabrication processes or techniques of first class construction and for coordination with other trades.
16. All work shall be erected and installed plumb, level, square, true and in proper alignment.
17. Contractor shall be responsible for cutting, patching and restoration required for this work.
18. If, during the course of construction, Contractor believes materials that might contain asbestos may be disturbed during performance of the work, Contractor shall immediately notify FIT of the area(s) of concern, and stop work if that area would be disturbed by the continuing work.
19. All correspondence to FIT shall be directed to the attention of the FIT Facilities Director with a copy of the same forwarded to the Architect.
20. Contractor shall at all times keep the premises free of accumulation of waste materials and rubbish; premises to be broom swept clean daily. At the completion of the work, Contractor shall leave the job site free of construction debris and materials, and "broom clean" including thorough cleaning of toilets, bathrooms, electrical closets, stairwells, and all areas of work or staging, etc.
21. Contractor shall provide all necessary protection against dirt and damage within the premises, as well as public areas, and shall be responsible for keeping these areas clean and free of materials at all times.
22. Contractor shall verify location of existing utilities and coordinate with location shown on drawings.
23. During construction, security and fire exit doors must remain unobstructed at all times.

24. Contractor shall take every precaution to properly protect all existing construction to remain. Contractor shall be responsible for all damaged areas to be returned to original condition.
25. Contractor shall schedule construction, in such a manner so as not to disturb areas outside of the area under construction during normal operating hours. The Contractor shall coordinate with FIT Facilities Director minimum of 24 hours prior to any disruption of services to those areas not under construction even if such a disruption occurs during or after normal operating hours.
26. Contractor shall staff the project with a Project Manager with at least 5 years' experience in this type of project scope, with similar complexity and schedule requirements.
27. The acceptance of shop drawings containing deviations not specifically brought to the attention of FIT, or containing errors or omissions of any sort, shall not relieve Contractor of the responsibility for executing the Work in accordance with the Contract Documents and Contract Terms and Condition.

III. DEMOLITION NOTES

In accordance with, and in addition to, the requirements of the Contract Documents. It shall be Contractor's responsibility to perform the following:

1. Prior to commencement of selective removals and demolition work, inspect the areas in which the work will be performed.
2. Any asbestos contaminated material will be removed by FIT's certified asbestos abatement contractor prior to the work of this contract.
3. Provide temporary barricades and other forms of protection required to protect all FIT personnel, inclusive of its faculty, staff and students as well as the general public from injury due to selective removals and demolition work.
4. Remove and dispose of exposed bolts, supports, brackets, cleats, grounds, and other items, that are no longer required for the purpose for which they were originally installed.
5. Where existing work is required to be removed and replaced but found to be defective in any way, it shall be reported to the FIT Facilities Director and Architect before it is disturbed.
6. All existing work damaged or lost as a result of performing the required new work, shall be patched, repaired or replaced with new, and finished to match the existing work, or as the individual case requires at the Contractor's expense.
7. Perform cutting, drilling and removals in a manner which will prevent damage to construction which is to remain.

8. Promptly repair any and all damages to all property and finishes caused by the removals and demolition work; to FIT's satisfaction and at no extra cost to FIT.
9. Cut, patch, paint and finish existing walls, ceiling and/or floor disturbed to match existing.
10. Perform patching around items penetrating existing construction in a manner that will maintain the water and fire resistive capability of existing construction. Should either of these be compromised, it is the responsibility of the Contractor to repair prior to completion.
11. Remove debris, rubbish and other materials resulting from the removals and demolitions from the building immediately; transport and legally dispose of materials off-site. Disposal method shall be in accordance with city, state and federal statutes regulations, and ordinances.
12. Work of this section shall conform to all requirements of the New York City Building Code and all applicable regulations and guidelines of all governmental authorities having jurisdiction, including, but not limited to, Safety, Health and Anti-Pollution regulations.
13. Work is to conform to OSHA requirements.

IV. ADDITIONAL CONTRACTOR'S RESPONSIBILITIES

In accordance with, and in addition to, the requirements of the Contract Documents:

1. Contractor shall coordinate all work with FIT Facilities Department and Director.
2. Contractor to provide daily crew manpower log/count to FIT.
3. Contractor shall perform work in a neat workmanlike manner in accordance with accepted industry standards.
4. FIT Facilities Department shall notify Contractor before commencing work which floors are accessible by Contractor.
5. Contractor shall mask all signs, window frames, door frames, etc. when painting around them.
6. Contractor shall use Benjamin Moore, Regal Paint, or approved equal.
7. Employee Identification and Building Access: All Managers and their crew must wear at all times company identification. All Managers and their crew must sign in and out, upon entering and leaving the facility, at the FIT front security desk.
8. After Bid opening, FIT will evaluate and review submissions and notify the lowest Bidder, who is deemed most responsive and responsible. Within five

(5) business days of such written notification, such Bidder shall submit the following information. Failure to comply with these requirements in whole or part shall constitute grounds for rejection of the Bid. FIT reserves the right to determine whether a Bidder has substantially met these requirements and to ask for additional information. Documentation of the following:

- a. Health and safety training program and procedures for employees and on-site EHS Coordinator.
 - b. Copies of current licenses and certifications applicable to the Work, including but not limited to licenses issued by the Fire Department of New York, Department of Buildings of the City of New York, must be provided to FIT Facilities.
9. Contractor shall complete the attached Outline for Preparing Work-Specific Environment, Health and Safety Plan (“EHS Plan”) which will be reviewed and approved by FIT’s EHS Compliance Director prior to commencement of work. Contractor shall include the costs of completing the EHS Plan in the Bid price. Proof of the 10 Hour OSHA Outreach Training Program for Construction certificate will be required.
 10. Contractor shall provide as described in the FIT Safety EHS Plan, legible copies of SDS sheets and estimates of anticipated amounts of chemicals Contractor intends to store on site to the FIT’s Director of EHS Compliance for review and approval at least ten (10) days before Contractor allows on-site storage.
 11. Contractor shall ensure that legible copies of all SDS are available at the location of chemical storage and available for review at all times. Contractor shall take all necessary precautions necessary to prevent vapors, fumes, or dust from leaving the work area. This includes but is not limited to the construction of negatively ventilated containments as controls.
 12. Contractor shall provide as described in the FIT Safety EHS Plan a written statement of the types of project waste disposed, including the amounts and the name of the waste disposal facility for each type of waste disposed. Contractor shall provide the statement with each Payment Application. Contractor shall provide a separate copy of the statement to FIT’s Director of EHS Compliance.
 13. Contractor may not store Hazardous Waste on site at any time. Contractor may not generate or accumulate Hazardous Waste on site without the written approval of FIT’s Director of EHS Compliance. Contractor shall obtain FIT’s Director of EHS Compliance approval at least ten (10) days before the Contractor generates or accumulates Hazardous Waste on site beginning with demolition work.
 14. Off-site shipments of Universal or Hazardous Waste. The Contractor may not

allow the off-site removal of Universal or Hazardous Waste without the written approval of the FIT Director of EHS Compliance. Contractor will ensure that the FIT Director of EHS Compliance alone signs any shipping papers for the off-site removal of Universal or Hazardous Waste.

15. Contractor's personnel must report daily to the FIT Security area in the Lobby of Building "C", the Feldman Center before entering FIT's site. All Contractor's personnel must obtain temporary FIT identification that shall be displayed at all times while on the FIT site. While on FIT property, all Contractor's personnel shall be subject to all FIT campus policies and procedures, including, but not limited to, prohibitions related to tobacco, drug, and alcohol use, and policies and procedures regarding appropriate and civil conduct. Contractor's personnel shall not fraternize with FIT students and employees beyond what is necessary to complete their work or any assigned Projects. FIT policies may be found at <https://www.fitnyc.edu/policies/>. FIT reserves the right, in its sole determination, to eject from the campus, any Contractor personnel violating such policies, in addition to any other rights and remedies.

V. **PERMITS**

Contractor shall be responsible for obtaining all required Permits and paying all costs and fees associated therewith. New York City Department of Buildings (DOB) Work Permit will be required for this project. Contractor will also be required to perform the following functions as it relates to this project:

- A. Contractor shall submit to FIT and Architect/Engineer appropriate Workman's Compensation and New York State Disability insurance certificates for use in securing the required Work Permits to be posted at the site. The Contractor shall provide FIT's Facility Director with the appropriate insurance tracking numbers assigned to their firm by the NYC Department of Buildings.
- B. The Contractor shall submit to FIT and Architect/Engineer a copy of all Licenses as issued by the NYC Department of Buildings.
- C. Permits for the work shall be posted by the Contractor in a conspicuous location at the site at all times. No work shall begin until the necessary DOB work permits have been obtained by the Contractor.
- D. The Contractor shall be responsible for obtaining any other governmental permits and approvals required to undertake the work, and shall pay any and all fees associated therewith, including but not limited to fees to the MTA for setting up a crane, if applicable.

VI. **PROJECT MANAGER**

1. The Contractor shall provide the services of an experienced Project Manager, who shall be in continual responsible charge of the work and shall have a valid Certificate of Fitness by the New York City Department of Buildings.
2. The Project Manager shall be on site at all times, shall speak fluent English, shall maintain on the site a complete set of these specifications (including any addenda and/or change orders, as well as all project drawings and all applicable manufacturers' instruction sheets), and shall have full authorization to make all field changes as directed by FIT's Facility Director and Architect.
3. The Project Manager shall be required to maintain a daily log at the site indicating the following:
 - the date
 - the number of workers at the site on said date
 - the specific portions and locations of the Work completed on said date
4. The Project Manager (or another authorized representative of the Contractor) shall telephone FIT's Facility Director at least once daily throughout the construction period, to report on the day's activities and the work planned for the following day.
5. The name of the Project Manager shall be submitted to FIT's Facility Director prior to initiation of the project. This Manager shall remain in charge of the project for its entire length, at FIT's discretion, unless said Manager no longer remains in the employ of the Contractor. In such case, a capable and experienced replacement shall be immediately assigned subject to approval by FIT's Facilities Director.
6. No telephone service is available at the site for use by the Contractor; therefore, the Contractor shall equip the Project Manager with a cellular telephone at the site for the duration of the Project. The Contractor shall provide FIT and Architect with the appropriate contact numbers at the initiation of the Project.

VII. SUBMISSIONS AND SUBSTITUTIONS

1. All submissions called for in the Contract Documents shall be submitted at least twenty (20) working days prior to proposed initiation of any related work.
2. FIT and FIT's Architect and Engineer will review and accept or take other appropriate action regarding Contractor submittals such as Shop Drawings, Product Data and Samples, but only for the limited purpose of checking for conformance with information given and the design concept expressed in the

Contract Documents. FIT's review of all shop drawings submitted by the Contractor shall be for concept only and does not remove the Contractor's responsibility for insuring that all specific details of the installation shall be performed in such a way so as to achieve satisfactory results. Acceptance by FIT and the Architect of Contractor submittals does not relieve the Contractor from responsibility for errors which may exist in the submitted data.

3. Where the phrase "or approved equal" or "equal as approved by FIT" occurs in the Contract Documents, the Contractor may not assume that the materials, equipment, or methods will be approved as equal unless the item has been specifically approved by FIT and the Architect.
4. Any proposed substitute products or procedures are to be submitted to FIT's assigned Architect/Engineer for prior approval with any proposed price adjustments to the contract within 14 days of the signing of the agreement between FIT and the Contractor, so that FIT and the Architect are permitted adequate time for review.

VIII. PROGRESS PAYMENTS

1. All submissions called for in the Contract Documents shall be submitted at least twenty (20) working days prior to proposed initiation of any related work.
2. Progress payments will be made to the Contractor based solely on actual work completed. Furthermore, payment will not be made for the purchase of materials, nor for their transfer onto the site, nor for any costs associated with mobilization.
3. Payment requests shall be submitted to FIT's Facilities Director on AIA Documents G702 and G703.
4. Payments will be authorized based upon FIT's field visits and review of work. All FIT's decisions regarding progress payments shall be final.
5. The values quoted on the bid form shall constitute the Schedule of Values for AIA Document G703. Additional breakdown of the bid form shall be provided on the Schedule of Values and will be used for progress payments.
6. No progress payments will be processed without submission by the Contractor of properly executed Affidavit of Payment and Release of Liens (AIA Documents G706 and G706A or equivalent forms as may be requested by FIT), up-to-date weekly written reports and timeline in bar chart form, and all submittals, certificates, permits, etc. required pursuant to the terms of the contract.
7. A 10% retainage shall be deducted from all progress payments made by FIT.
8. Payment requests shall be submitted to FIT not more than once per month.

9. Contractor shall provide sufficient and appropriate documentation for all invoices to FIT including submittal of invoices for actual cost of materials, labor rates and certified payrolls. Filing of such payrolls shall comply with the Labor Law and is a condition precedent to payment. FIT reserves the right to request additional information at any time. Contractor required to submit Monthly Contractor's Compliance Form with each Payment Requisition.
10. Contractor required to submit a Certificate of Monthly Payment signed by each Sub-contractor with each Payment Requisition.
11. Contractor shall be required to submit a detailed Trade Payment Breakdown.

IX. SITE VISITS BY ARCHITECT/ENGINEER

1. Failure by Architect/Engineer to detect and/or notify the Contractor of any aspect of the Contractor's actions or materials that are not in conformance with the Contract Documents shall not remove the Contractor's responsibility to adhere to the Contract Documents in all instances, including but not limited to the Contractor's responsibility to expeditiously correct and/or replace all defective work.
2. Architect/Engineer will be the final judge as to whether the work is satisfactorily performed, and shall have the authority to order that any work deemed unacceptable or not in conformance with the Contract Documents be redone by the Contractor at no cost to FIT.
3. Architect/Engineer shall have no responsibility for the presence, discovery, identification, handling, removal or disposal of, or exposure of persons to hazardous materials in any form at the Project site.

X. CHANGE ORDERS

1. FIT may order changes in the work of any quantity and without invalidating the Agreement so long as the Contract Sum and/or Contract Time of Completion are adjusted accordingly. All such changes in the work shall be authorized by written Change Order. All Change Orders shall be reviewed by Architect and authorized by a representative of FIT.
2. No work shall be performed by the Contractor unless it is specifically included in the Contract Scope of Work or authorized in advance by a bulletin issued by the Architect which will serve as the backup paperwork for a change order. The contractor needs to submit a Change Order. All work to proceed prior to approval of change orders. Change Orders will be negotiated fairly in separate meetings. All written Change Orders are to be signed by all

parties.

3. Any sums to be paid to Contractor as a result of any Change Order or any sums to be credited to FIT as a result of any Change Order shall be computed by one of the following methods:
 - (1) As agreed upon between the parties to the contract in writing prior to commencement of the work required by the Change Order, or;
 - (2) By Unit Prices detailed in the Contract Documents or subsequently agreed upon.

XI. GUARANTEES

1. All work on this project shall be guaranteed by the Contractor for a period of not less than one (1) year, or longer where covered by manufacturer warranty.. Warranty to start on the day of the final signoff by FIT.
2. If within the guarantee period any of the work is found to be defective or not in conformance with the Contract Documents, the Contractor shall correct it promptly at his own expense after receipt of written notice from FIT.

XII. FINAL PAYMENT

1. Final payment (retainage) shall be released to the Contractor thirty (30) days after the project has been signed off by FIT and Architect/Engineer and the Contractor has satisfied all requirements of the Contract Documents.
2. In addition to any other requirements of the Contract Documents final payment shall not become due until the Contractor has delivered to FIT and Architect a fully executed 1-year guarantee for all work performed under this project, as well as a complete release of all liens arising out of this Contract, or receipts in full covering all labor, materials, equipment, applicable finance charges, and fines for which a lien could be filed. If such lien remains unsatisfied after payments are made, the Contractor shall refund to FIT all money that FIT may be compelled to pay in discharging such lien, including all costs and reasonable attorneys' fees.
3. A Performance Bond and a Labor & Material Payment Bond, a copy of the “Contractor’s Affidavit of Payment of Debts and Claims (AIA Document G706)” and “Consent of Surety to Final Payment (AIA Document G707)” shall be submitted by the Contractor prior to the release of final payment.
4. One (1) set each of record drawings (measuring 24 inches by 36 inches) indicating the “As- Built” manner of installation of all work, shall be

submitted to FIT prior to the release of final payment.

5. Once the project has reached substantial completion, FIT and Architect will prepare a “Certificate of Substantial Completion”. This certificate must be signed by all parties (Architect/Engineer, FIT and Contractor), to acknowledge the date the project has reached substantial completion, and confirm agreement on a final punch-list of work to be performed. The Contractor shall be responsible for completing all punch-list items prior to release of final payment.

XIII. SUPPLEMENTAL CONDITIONS

Project Schedule. Contractor shall complete all work as specified within the time period specified in the Contract Documents, inclusive of rain days, but excluding any shutdowns authorized by FIT.

XIV. PREVENTIVE MAINTENANCE SCHEDULE

Prior to final payment, the contractor shall provide a recommended maintenance schedule from the manufacturer for quarterly, semi-annual and yearly requirements, including part numbers where applicable, upon completion of the job.

BID ANALYSIS FORM FOLLOWS

ATTACHMENT C – BID ANALYSIS FORM

**FASHION INSTITUTE OF TECHNOLOGY
DUBINSKY CENTER, POMERANTZ CENTER,
BUSINESS AND LIBERAL ARTS CENTER,
HAFT THEATER
& 7TH AVENUE FAÇADE REPAIR & CLEANING
INVITATION FOR BID NUMBER C1618
NYS PREVAILING WAGE SCHEDULE PRC # 2024001479**

****PLEASE ALSO COMPLETE THE CONTRATOR’S PROPOSAL SHEET AND
BID FORM SPREADSHEET**

Provide value from Bid form.

**TOTAL BID PRICE (Total SCOPE I through SCOPE III - Do not include
alternates or optional work)**

\$ _____

As stated in Section IV of the front end documents: Subcontracting shall be permitted **not to exceed 30%** of the work of the project. Please provide the ratio of the contractors and subcontractors work that will be used on this project.

Contractor _____%, Subcontractor(s) _____%

For Bidding Purposes: the following sections pricing should cover the following items:

General Requirements: permits & licenses; project meetings; administrative overhead for submissions and shop drawings; progress photos; temporary facilities & controls; storage & protection of materials; project closeout; and project record documents.

General Conditions: supervision of work; all testing; coordination drawings; safety programs; insurance and performance & payment bonds.

The undersigned, having carefully examined all Contract Documents, including Notice to Bidders, Bid Terms and Conditions, Contract Terms and Conditions, General Requirements, General Conditions, Labor & Material Payment Bond, Performance Bond, Form of Bid, Non-Collusive Bidding Certification, Substitution Form Request, Contract, Affirmative Action Form, Change Order, Form, Contractor’s Trade Payment Breakdown, Safety EHS Plan, Prevailing Wage Schedule, Specifications, and Drawings and having examined the existing conditions by on-site visit(s), hereby submits this Bid Analysis, covering all labor, materials, equipment, tools, machinery, licensing, insurance, taxes, and fees required to perform the specified work at the above-referenced site, in accordance with the Contract Documents. **No exclusions & no exceptions.**

Company Name and Address of Bidder:

Signature of Bidder _____ Date _____

Printed Name and Title of Representative: _____

Email Address: _____

Telephone #: _____

EIN #: _____

IMPORTANT:

This bid analysis form is the **only** pricing format acceptable. Bidders **must** submit pricing using this form. **FIT will not accept bid responses on any other form.**

NOTE:

FIT will not sign any bidder generated contract, agreement or scope of work. FIT Bid and Terms and Conditions apply. Bidder requirement for FIT to sign any document will be grounds for rejection. Bidder inclusion of any conditions, clarifications, exceptions or changes which are not in compliance with FIT Bid and Terms and Conditions will be grounds for rejection.

SCOPE I DUBINSKY CENTER , BUSINESS & LIBERAL ARTS CENTER

Date: _____

Fashion Institute of Technology
333 Seventh Avenue – 15th Floor
BID C1618
Attn: Sammy Li, Purchasing Office

**Re: FIT Dubinsky Center
Business & Liberal Arts Center
Façade Repairs
227 West 27th Street
New York NY 10001**

CONTRACTOR'S PROPOSAL

Issued 3/14/2024

In accordance with your request, we have prepared and submit below our price proposal for the work shown on the drawings dated/revised 2/23/2024 including any addenda subsequently issued.

All work shall conform to applicable code requirements and shall be performed using first-class materials and workmanship, comply with prevailing wage(s) requirements, and in accordance with the approved drawings and the A/E's written instructions, and code requirements. All quantities are approximate and are to be adjusted based on actual field conditions. Prices include all permits, taxes, fees and costs as may be applicable for the proper performance of the work.

Terms and provisions of the AIA Form A104 Standard Form of Agreement shall apply.

Section I. General Conditions, Overhead Protective Bridging, Protection, Probes.

Part 1. General Conditions, including Performance Bond, Labor and Material Bond, mobilization, all miscellaneous job costs other than the work items specifically described below, including, but not limited to the following: protection of windows and air conditioning equipment to prevent dust entry, glass damage from welding sparks; protection of all roof areas subject to construction traffic; carting and any permitting associated with debris pick-up and disposal; material hoists; protection of building interior areas subject to construction traffic and all other general job requirements not specifically noted but required for proper performance of work.

Lump sum\$ _____

Part 2. Overhead Protective Bridging:

Provide and install code compliant Overhead Protective Bridging including lighting, perimeter plywood parapets, signage, etc. Prices are to include permits and approvals as required for proper performance of

work. Price to include all necessary sidewalk shed as required for the façade repairs at all elevations.

Approx. 864 LF of street frontage on 27th Street, 28th Street and 8th avenue. Contractor to verify in filed.

Lump Sum \$ _____
Monthly rental after first three months: \$ _____/month

Part 3. Protection:

At all/any access routes to work areas such as roof surfaces, service elevators, stair landings etc., contractor is to install protection consisting of 1” thick rigid insulation, with drainage contours on bottom side, plastic tarping, 3/4” plywood and 2x4 planking and sandbag ballast. Provide routine maintenance and cleaning of protection on an as-needed basis, broom cleanup. Assure dust and debris do not enter units.

Lump sum\$ _____

Part 4. Exploratory probes:

At locations marked by A/E remove existing façade masonry to expose structural steel and underlying conditions for inspection. Provide temporary shoring and weather protection as may be required. Include inspection time and in-kind closure repairs.

- a. Remove stone façade panels at various locations for inspection.
Approx. four (4) probes x \$ _____/probe..... \$ _____
- b. Remove face brick masonry at parapet walls at various locations.
Approx. 24" x 24" openings.
Approx. two (2) probes x \$ _____/probe..... \$ _____

Part 5. *Optional: If required, Site Safety:
Site safety plan preparation and filing with NYCDOB.*

Lump sum\$ _____

*Optional: If required, Site Safety Manager full time:
Approx. 120 days x \$ _____/day.....\$ _____*

Section II. Access Platforms.

Part 1. Install pipe scaffolding as necessary to complete the exterior repairs at the South elevation (entire) and east- and west-facing portions of the East and West elevations located directly below the 18th floor setback terrace.
Provide and install code compliant Pipe Scaffolding atop Overhead Protective Bridging to the full height of the building, including setback terraces (if any), netting, stairs, outrigger protection etc. as required for complete access to the work areas. Prices are to include supply, installation and dismantling, all permits and approvals.

Lump Sum \$ _____

Monthly rental after first three months: \$ _____/month

Section III. Exterior Wall Repairs.

Limestone Repairs.

Part 1. Cut and remove existing pointing mortar as shown in drawings at existing limestone panels and re- point with specified mortar. Re-pointing mortar should be installed min. 1/2" of thickness of the panel. Approx. 8,000 LF x \$ _____/LF.....\$ _____

Part 2. Patching chipped / minor spalled limestone with Jahn Restoration mortar to perfectly match existing, up to 1" x 6" x 6" patch. Approx. 75 patches x \$ _____/patch..... \$ _____

Part 3. Patching at damaged cracked limestone panels. Up to 3" x 12" x 12" dutchman, pinned to existing limestone. Approx. 20 locations x \$ _____/ea..... \$ _____

Part 4. Limestone pinning. Drill a half inch diameter hole sloping down approximately 22°, through the stone and its setting space into the concrete backup structure. Clean the hole with air and inject low consistency epoxy in the hole in the stone. Dip pre-cut stainless steel rod in epoxy and place it in the hole of the concrete and the stone approximately 1/2" short of the finished face of the stone. Fill the last 1/4" with epoxy and stone powder. Approx. 500 pins x \$ _____/ea..... \$ _____

Part 4. Optional: Limestone Anchor Repair and/or Replacement. Remove and/or replace existing anchors and tiebacks where needed. All of the new components should be stainless steel. Apply strong coat, SC-111, to the back side of limestone panels. Reset existing limestone panels in plane with adjacent limestone panels and point with specified mortar. Mortar should be installed to full thickness of the panel. Note: additional anchors, if required to be specified by A/E after probe stone removals.

*A. Limestone repair
Provide unit price: \$ _____/panel..... \$ _____*

*B. Limestone Replacement (panels damaged during removals)
Provide unit price: \$ _____/panel..... \$ _____*

Part 5. Optional: Steam clean all existing surfaces in accordance with manufacturer's requirements. Apply KEIM Lotexan N exterior water repellent coating at 100 % of exposed stone areas, or approved equal. Provide unit price: \$ _____/SF..... \$ _____

Part 6. *Optional: Steel Shelf Angle Repairs.*

a. *Shelf angle repair.*

At locations marked by A/E. scrape, prime and paint existing shelf angle. Fill voids in back-up masonry block, concrete spandrels with mortar to provide a smooth, solid substrate to receive waterproofing. Install Grace Perm-a-barrier membrane waterproofing, extending onto back-up masonry at least 3" above shelf angle or as high as masonry removals allow. Secure top edge of membrane with termination bar, seal top edge with Bituthene Mastic. Lap any existing waterproofing to remain over new Permabarrier, shingle style. Reinstall face brick, with specified brick ties. Provide waffle weeps every 3rd vertical brick mortar joint.

Provide unit price: \$ _____ /LF..... \$ _____

b. *Shelf angle replacement.*

Same as Part 4a, above, but price to also include the in-kind replacement of shelf angle bolted to concrete spandrels and columns using specified anchor bolts, Hilti Hit-HY 200 epoxy, min. 6" embedment staggered.

Provide unit price: \$ _____ /LF..... \$ _____

Section IV. Parapet Wall Repairs.

Part 1. Brick masonry re-pointing.

Approx. 5,500 SF x \$ _____ /SF..... \$ _____

Part 2. *Optional: Face Brick Replacement.*

a) *Individual bricks.*

Provide unit price: \$ _____ /Brick..... \$ _____

b) *Face brick reconstruction.*

Provide unit price: \$ _____ /SF..... \$ _____

Part 3. *Optional: Face Brick Pinning.*

Install, 1/4" diameter 8L stainless steel pins with stainless steel mesh (screened) with Hilti Hit HY200 epoxy, as specified. Point anchor penetration upon completion. To be installed primarily at building corners, spacing to be determined.

Provide unit price: \$ _____ /Pin..... \$ _____

Part 4. *Optional: Parapet Wall Reconstruction.*

Parapet wall reconstruction details are to be provided, subject to probe openings inspections. Refer to original construction details.

At locations shown determined by A/E, remove existing stones label and store for re-use. Demolish parapet wall down to structural slab. Install vertical reinforcement, full height of parapet, #4 epoxy coated rebar or 1/2" diameter stainless steel threaded rod, every 4'-0" o.c. embedded min 4" into concrete slab below and beam

above with Hilti Hit-Hy 200. Reconstruct parapets in kind with continuous truss reinforcement and header courses, parapet height to match existing. Re-use existing façade stones, apply SC-111 to the back of the panels, replace any stones damaged during demolition. Install new stone copings to match existing (re-use existing if applicable).

Provide unit price: \$ _____ /LF..... \$ _____

Part 5. Install new sheet metal copings atop ex. limestone copings. New copings to be 16G Stainless Steel, with continuous cleats on both sides as shown on the drawings.

Approx. 1600 LF x \$ _____ /LF..... \$ _____

Part 6. *Optional: Remove and re-set existing limestone coping stones on Grace Ice and Watershield membrane flashing. Anchor stones to parapet masonry, each other and existing remaining copings with stainless steel pins set in epoxy grout. Seal anchor penetrations through membrane with Bituthene Liquid Membrane. Point bed joints and cross joints with mortar.*

Provide unit price: \$ _____ /LF..... \$ _____

Part 6a. *Alternate. Coping Replacement.*

Remove existing limestone copings where marked by A/E and replace with pre-cast concrete units matching existing in size, profile, texture and color. New copings are to be set on Grace Ice and Watershield membrane flashing. Anchor stones to parapet masonry, each other and existing remaining copings with stainless steel pins set in epoxy grout. Seal anchor penetrations through membrane with Bituthene Liquid Membrane. Point bed joints and cross joints with mortar.

Provide unit price: \$ _____ /LF..... \$ _____

Section V. Coatings & Sealants.

Part 1. *Optional: Window Caulking.*

Remove and replace sealants at windows, including heads, jambs, sills and metal-to-metal cladding joints, milled joints.

Provide unit price: \$ _____ /LF..... \$ _____

TOTAL SECTION I THROUGH SECTION IV (Do not include alternates or optional work) \$ _____

NOTES:

1. Owner reserves the right to proceed with the work in phases.
2. Stoppages are to be included in the General Conditions.
3. Work is permitted on the weekends, subject to contractor's obtaining of the after-hours work permit.
4. Any/all payments shall be based on actual verified quantities of work performed.
5. Work Schedule shall conform with the House Rules.
6. Bid prices shall be valid for contract award within sixty (60) days of receipt of bids.

List of Addenda Received:

Addendum # _____, Date _____ \$ _____
Addendum # _____, Date _____ \$ _____
Addendum # _____, Date _____ \$ _____

Proposed Time of Commencement: 5/15/2024

Proposed Time of Completion: 8/15/2024

Contractor: _____

Prepared & submitted by: _____

Authorized signature: _____ Date: _____

SCOPE II POMERANTZ CENTER AND HAFT THEATER

Date: _____

Fashion Institute of Technology
333 Seventh Avenue – 15th Floor
BID C1618
Attn: Sammy Li, Purchasing Office

**Re: FIT Pomerantz Center
Haft Theater
227 West 27th Street
New York NY 10001**

CONTRACTOR'S PROPOSAL

Issued 3/14/2024

In accordance with your request, we have prepared and submit below our price proposal for the work shown on the drawings dated/revised 2/23/2024 including any addenda subsequently issued.

All work shall conform to applicable code requirements and shall be performed using first-class materials and workmanship, comply with prevailing wage(s) requirements, and in accordance with the approved drawings and the A/E's written instructions, and code requirements. All quantities are approximate and are to be adjusted based on actual field conditions. Prices include all permits, taxes, fees and costs as may be applicable for the proper performance of the work.

Terms and provisions of the AIA Form A104 Standard Form of Agreement shall apply.

Section I. General Conditions, Overhead Protective Bridging, Protection, Probes.

Part 1. General Conditions, including Performance Bond, Labor and Material Bond, mobilization, all miscellaneous job costs other than the work items specifically described below, including, but not limited to the following: protection of windows and air conditioning equipment to prevent dust entry, glass damage from welding sparks; protection of all roof areas subject to construction traffic; carting and any permitting associated with debris pick-up and disposal; material hoists; protection of building interior areas subject to construction traffic and all other general job requirements not specifically noted but required for proper performance of work.

Lump sum\$ _____

Part 2. Overhead Protective Bridging:

Provide and install code compliant Overhead Protective Bridging including lighting, perimeter plywood parapets, signage, etc. Prices are to include permits and approvals as required for proper performance of

work. Price to include all necessary sidewalk shed as required for the façade repairs at all elevations.

Approx. 864 LF of street frontage on 27th Street, 28th Street and 8th avenue.
Contractor to verify in filed.

Lump Sum \$ _____
Monthly rental after first three months: \$ _____/month

Part 3. Protection:

At all/any access routes to work areas such as roof surfaces, service elevators, stair landings etc., contractor is to install protection consisting of 1” thick rigid insulation, with drainage contours on bottom side, plastic tarping, 3/4” plywood and 2x4 planking and sandbag ballast. Provide routine maintenance and cleaning of protection on an as-needed basis, broom cleanup. Assure dust and debris do not enter units.

Lump sum\$ _____

Part 4. Exploratory probes:

At locations marked by A/E remove existing façade masonry to expose structural steel and underlying conditions for inspection. Provide temporary shoring and weather protection as may be required. Include inspection time and in-kind closure repairs.

- a. Remove stone façade panels at various locations for inspection.
Approx. two (2) probes x \$ _____/probe..... \$ _____
- b. Remove face brick masonry at parapet walls at various locations.
Approx. 24" x 24" openings.
Approx. two (2) probes x \$ _____/probe..... \$ _____

Section II. Access Platforms.

Part 1. Install pipe scaffolding as necessary to complete the exterior repairs at the South elevation (entire) and east- and west-facing portions of the East and West elevations located directly below the 18th floor setback terrace.
Provide and install code compliant Pipe Scaffolding atop Overhead Protective Bridging to the full height of the building, including setback terraces (if any), netting, stairs, outrigger protection etc. as required for complete access to the work areas. Prices are to include supply, installation and dismantling, all permits and approvals.

Lump Sum \$ _____
Monthly rental after first three months: \$ _____/month

Section III. Exterior Wall Repairs.

A. Limestone Repairs.

Part 1. Cut and remove existing pointing mortar as shown in drawings at

existing limestone panels and re- point with specified mortar.
Re-pointing mortar should be installed min. 1/2" of thickness of the panel.
Approx. 4,000 LF x \$ _____/LF.....\$ _____

Part 2. Patching chipped / minor spalled limestone with Jahn Restoration mortar to perfectly match existing, up to 1" x 6" x 6" patch.
Approx. 35 patches x \$ _____/patch..... \$ _____

Part 3. Patching at damaged cracked limestone panels. Up to 3" x 12" x 12" dutchman, pinned to existing limestone.
Approx. 10 locations x \$ _____/ea..... \$ _____

Part 4. Limestone pinning.
Drill a half inch diameter hole sloping down approximately 22°, through the stone and its setting space into the concrete backup structure. Clean the hole with air and inject low consistency epoxy in the hole in the stone. Dip pre-cut stainless steel rod in epoxy and place it in the hole of the concrete and the stone approximately 1/2" short of the finished face of the stone. Fill the last 1/4" with epoxy and stone powder.
Approx. 400 pins x \$ _____/ea..... \$ _____

Part 4. *Optional: Limestone Anchor Repair and/or Replacement.*
Remove and/or replace existing anchors and tiebacks where needed. All of the new components should be stainless steel. Apply strong coat, SC-111, to the back side of limestone panels. Reset existing limestone panels in plane with adjacent limestone panels and point with specified mortar. Mortar should be installed to full thickness of the panel.
Note: additional anchors, if required to be specified by A/E after probe stone removals.

A. Limestone repair
Provide unit price: \$ _____/panel..... \$ _____

B. Limestone Replacement (panels damaged during removals)
Provide unit price: \$ _____/panel..... \$ _____

Part 5. *Optional: Steam clean all existing surfaces in accordance with manufacturer's requirements. Apply KEIM Lotexan N exterior water repellent coating at 100 % of exposed stone areas, or approved equal.*
Provide unit price: \$ _____/SF..... \$ _____

Part 6. *Optional: Steel Shelf Angle Repairs.*

a. *Shelf angle repair.*
At locations marked by A/E. scrape, prime and paint existing shelf angle. Fill voids in back-up masonry block, concrete spandrels with mortar to provide a smooth, solid substrate to receive waterproofing. Install Grace Perm-a-barrier membrane waterproofing, extending onto back-up masonry at least 3" above shelf angle or as high as masonry removals allow. Secure top edge of membrane with termination bar, seal top edge with Bituthene Mastic. Lap any existing waterproofing to remain over new

Permabarrier, shingle style. Reinstall face brick, with specified brick ties. Provide waffle weeps every 3rd vertical brick mortar joint.

Provide unit price: \$ _____ /LF..... \$ _____

b. Shelf angle replacement.

Same as Part 4a, above, but price to also include the in-kind replacement of shelf angle bolted to concrete spandrels and columns using specified anchor bolts, Hilti Hit-HY 200 epoxy, min. 6" embedment staggered.

Provide unit price: \$ _____ /LF..... \$ _____

B. Haft Theater Pre-cast Panel Repairs.

Part 1. Cut and remove existing pointing mortar as shown in drawings at existing pre-cast panels and re-point with specified mortar. Re-pointing mortar should be installed min. 1/2" of thickness of the panel.

Approx. 1,200 LF x \$ _____ /LF.....\$ _____

Part 2. Pre- cast panel pinning. Drill a half inch diameter hole sloping down approximately 22°, through the stone and its setting space into the masonry backup structure. Clean the hole with air and inject low consistency epoxy in the hole in the stone. Dip pre-cut stainless steel rod in epoxy and place it in the hole of the concrete and the stone approximately 1/2" short of the finished face of the stone. Fill the last 1/4" with epoxy and stone powder.

Approx. 600 pins x \$ _____ /ea..... \$ _____

Part 3. Optional: Steam clean all existing surfaces in accordance with manufacturer's requirements. Apply KEIM Lotexan N exterior water repellent coating at 100 % of exposed stone areas, or approved equal. Provide unit price: \$ _____ /SF..... \$ _____

Section IV. Parapet Wall Repairs.

Part 1. Brick masonry re-pointing. Approx. 3,500 SF x \$ _____ /SF..... \$ _____

Part 2. *Optional: Face Brick Replacement.*

a) *Individual bricks.*
Provide unit price: \$ _____ /Brick..... \$ _____

b) *Face brick reconstruction.*
Provide unit price: \$ _____ /SF..... \$ _____

Part 3. *Optional: Face Brick Pinning.*

Install, 1/4" diameter 8L stainless steel pins with stainless steel mesh (screened) with Hilti Hit HY200 epoxy, as specified. Point anchor penetration upon completion. To be installed primarily at building corners, spacing to be determined.

Provide unit price: \$ _____ /Pin..... \$ _____

Part 4. *Optional: Parapet Wall Reconstruction.*

Parapet wall reconstruction details are to be provided, subject to probe openings inspections. Refer to original construction details.

At locations shown determined by A/E, remove existing stones label and store for re-use. Demolish parapet wall down to structural slab. Install vertical reinforcement, full height of parapet, #4 epoxy coated rebar or 1/2" diameter stainless steel threaded rod, every 4'-0" o.c. embedded min 4" into concrete slab below and beam above with Hilti Hit-Hy 200. Reconstruct parapets in kind with continuous truss reinforcement and header courses, parapet height to match existing. Re-use existing façade stones, apply SC-111 to the back of the panels, replace any stones damaged during demolition. Install new stone copings to match existing (re-use existing if applicable).

Provide unit price: \$ _____ /LF..... \$ _____

Part 5. Remove existing and install new sheet metal copings atop ex. limestone copings. New copings to be 16G Stainless Steel, with continuous cleats on both sides as shown on the drawings.

Approx.1000 LF x \$ _____ /LF..... \$ _____

Part 6. *Optional: Remove and re-set existing limestone coping stones on Grace Ice and Watershield membrane flashing. Anchor stones to parapet masonry, each other and existing remaining copings with stainless steel pins set in epoxy grout. Seal anchor penetrations through membrane with Bituthene Liquid Membrane. Point bed joints and cross joints with mortar.*

Provide unit price: \$ _____ /LF..... \$ _____

Part 6a. *Alternate. Coping Replacement.*

Remove existing limestone copings where marked by A/E and replace with pre-cast concrete units matching existing in size, profile, texture and color. New copings are to be set on Grace Ice and Watershield membrane flashing. Anchor stones to parapet masonry, each other and existing remaining copings with stainless steel pins set in epoxy grout. Seal anchor penetrations through membrane with Bituthene Liquid Membrane. Point bed joints and cross joints with mortar.

Provide unit price: \$ _____ /LF..... \$ _____

Section V. Coatings & Sealants.

Part 1. *Optional: Window Caulking.*

Remove and replace sealants at windows, including heads, jambs, sills and metal-to-metal cladding joints, milled joints.

Provide unit price: \$ _____ /LF..... \$ _____

TOTAL SECTION I THROUGH SECTION V (Do not include alternates or optional work) \$ _____

NOTES:

1. Owner reserves the right to proceed with the work in phases.
2. Stoppages are to be included in the General Conditions.
3. Work is permitted on the weekends, subject to contractor's obtaining of the after-hours work permit.
4. Any/all payments shall be based on actual verified quantities of work performed.
5. Work Schedule shall conform with the House Rules.
6. Bid prices shall be valid for contract award within sixty (60) days of receipt of bids.

List of Addenda Received:

Addendum # _____, Date _____ \$ _____
Addendum # _____, Date _____ \$ _____
Addendum # _____, Date _____ \$ _____

Proposed Time of Commencement: 5/15/2024

Proposed Time of Completion: 8/15/2024

Contractor: _____

Prepared & submitted by: _____

Authorized signature: _____ Date: _____

Date: _____

Fashion Institute of Technology
333 Seventh Avenue – 15th Floor
BID C1618
Attn: Sammy Li, Purchasing Office

Re: FIT Goodman Center
FIT Pomerantz Center
Façade Cleaning and Coating
200 & 227 West 27th Street
New York NY 10001

CONTRACTOR'S PROPOSAL

Issued 3/25/2024

In accordance with your request, we have prepared and submit below our price proposal for the work shown on the drawings dated/revised 03/14/2024 including any addenda subsequently issued.

All work shall conform to applicable code requirements and shall be performed using first-class materials and workmanship, comply with prevailing wage(s) requirements, and in accordance with the approved drawings and the A/E's written instructions, and code requirements. All quantities are approximate and are to be adjusted based on actual field conditions. Prices include all permits, taxes, fees and costs as may be applicable for the proper performance of the work.

Terms and provisions of the AIA Form A104 Standard Form of Agreement shall apply.

Section I. General Conditions & Protection.

Part 1. General Conditions, including Performance Bond, Labor and Material Bond, mobilization, all miscellaneous job costs other than the work items specifically described below, including, but not limited to the following: protection of windows and air conditioning equipment to prevent dust entry, protection of all roof areas subject to construction traffic; carting and any permitting associated with debris pick-up and disposal; material hoists; protection of building interior areas subject to construction traffic and all other general job requirements not specifically noted but required for proper performance of work.

Lump sum\$_____

Note: Façade Cleaning is to be performed only at East Elevation of both buildings Goodman Center & Pomerantz Center (7th Avenue Façade).

Part 2. Protection.

At all/any access routes to work areas such as roof surfaces, service elevators, stair landings etc., and at adjacent building roofs: 200 West 27th Street and 227 West 27th Street contractor is to install protection consisting of 1” thick rigid insulation, with drainage contours on bottom side, plastic tarping, 3/4” plywood and 2x4 planking and sandbag ballast. Provide routine maintenance and cleaning of protection on an as-needed basis, broom cleanup. Assure dust and debris do not enter units.

Note: some protection is otherwise included in Pomerantz center façade repairs in other section(s) of this bid.

Lump sum\$ _____

Section II. Access to work area.

Part 1. Contractor to provide pip scaffold access to Goodman center’s East Facade located above the 7th avenue sidewalk and to the section of 227 W 27th Street located above 27th street. Contractor to utilize pipe scaffolding access for Pomerantz Center provided under other other sections of this bid for Pomerantz center façade repairs.

Price to include installation, permits and removal, no rental charges will be paid.

Contractor is responsible to obtaining all required permits including street and sidewalk closure, if required. Price to include flagmen and operators and all required personnel for proper performance of work.

Lump Sum \$ _____

Section III. Façade Cleaning & Coating.

Part 1. Samples and testing.
Perform cleaning of two sample 24" x 24 " areas using each of the alternate cleaning methods described below, architect and Owner's approval.

1. Cathedral Stone Light duty restoration cleaner,
2. Cathedral Stone Heavy duty restoration cleaner,
3. EnviroKlean 2010 by Prosoco,
4. Safe n’ Easy Heavy Duty cleaner by Dumond Chemical
5. Safe n’ Easy Architectural Cleaner and restorer by Dumond Chemical.
6. Simple Green – All Purpose Cleaner or approved equal.

Lump sum..... \$ _____

Part 2. Low pressure wash and bristle brush cleaning with detergent.
Clean and wash entire 7th Ave Façades of both buildings using a detergent diluted in clean water, bristle brush and low pressure wash. Use a pressure washer at low pressure to rinse product and dirt from the surface. Submit detergent specifications for a/e review and approval.

Lump Sum \$ _____

Part 3. *Optional : Clean all existing surfaces in accordance with manufacturer's requirements. Apply KEIM Silan-100 exterior water repellent coating at 100 % of exposed stone areas.*

Lump Sum \$ _____

TOTAL SECTION I THROUGH SECTION III (Do not include alternates or optional work) \$ _____

NOTES:

1. Owner reserves the right to proceed with the work in phases.
2. Stoppages are to be included in the General Conditions.
3. Work is permitted on the weekends, subject to contractor's obtaining of the after-hours work permit.
4. Any/all payments shall be based on actual verified quantities of work performed.
5. Work Schedule shall conform with the House Rules.
6. Bid prices shall be valid for contract award within ninety (90) days of receipt of bids.

List of Addenda Received:

Addendum # _____, Date _____ \$ _____
Addendum # _____, Date _____ \$ _____
Addendum # _____, Date _____ \$ _____

Proposed Time of Commencement: _____

Proposed Time of Completion: _____

Contractor: _____

Prepared & submitted by: _____

Authorized signature: _____ Date: _____

SECTION IV.
GENERAL REQUIREMENTS

TABLE OF CONTENTS
INDEX

01010 -- SUMMARY OF THE WORK	1
.01 - WORK UNDER THE CONTRACT	1
.02 - WORK BY OTHERS	1
.03 - ITEMS NOT INCLUDED	1
.04 - OPENINGS AND CHASES	1
.05 - SURVEYS AND LAYOUT	2
.06 - SCHEDULING	2
.07 - CONTRACTOR USE OF PREMISES	2
01080 -- PERMITS AND COMPLIANCE	2
.01 - PERMITS AND LICENSES	2
.02 - COMPLIANCE	2
.03 - ADDITIONAL COMPLIANCE	3
.04 - ROYALTIES AND PATENTS	3
01200 -- PROJECT MEETINGS	3
.01 - PROJECT MEETINGS	3
.02 - INITIAL JOB MEETING (ORIENTATION MEETING)	3
.03 - JOB PROGRESS MEETINGS	3
01300 -- SUBMITTALS	4
.01 - SCHEDULES & RECORDS	4
01311 -- PROJECT ANALYSIS	4
.01 - PROJECT CONTROL AND PROGRESS MEETINGS	5
.02 - PAYMENT	5
.03 - TIME OF COMPLETION	5
01340 -- SHOP DRAWINGS AND SAMPLES	6
.01 - CONTRACTOR SUBMITTAL	6
.02 - CONTRACTOR REVIEW	7
.03 - CONTRACTOR RESPONSIBILITY	7
.04 - COMMENCEMENT OF WORK	8
01380 -- PROGRESS PHOTOGRAPHS	8
.01 - CONTRACTOR SUBMISSION	8
01500 -- TEMPORARY FACILITIES AND CONTROLS	8
.01 - REQUIREMENTS	8
.02 - TEMPORARY LIGHTING AND ELECTRIC SERVICE	8
.03 - MATERIAL HOISTS	9
.04 - TEMPORARY USE OF PERMANENT ELEVATOR AS EQUIPMENT MATERIAL HOIST	10
.05 - TEMPORARY ENCLOSURES	10
.06 - TEMPORARY FENCE ENCLOSURES	10
.07 - MAINTENANCE OF PERMANENT ROADWAYS	10
.08 - TRAFFIC CONTROL	10
.09 - FIRE PREVENTION CONTROL	11
.10 - POLLUTION CONTROL	11
.11 - TEMPORARY FIELD OFFICE	12
.12 - RUBBISH REMOVAL	13
.13 - DISCONTINUANCE, CHANGES AND REMOVAL	13
.14 - PROJECT IDENTIFICATION	13

.15 - MOISTURE AND CONDENSATION CONTROL	14
.16 - PROTECTIVE SERVICES.....	14
01600 -- MATERIAL AND EQUIPMENT	14
.01 - STORAGE AND PROTECTION.....	14
01700 -- PROJECT CLOSE OUT.....	14
.01 - FINAL CLEANUP	14
.02 - REQUIRED CLOSEOUT DOCUMENTATION	14
.03 - ORIENTATION INSTRUCTION	15
.04 - PROJECT CLOSEOUT INSPECTIONS	15
01720 -- PROJECT RECORD DOCUMENTS.....	16
.01 - PROJECT RECORD DRAWINGS.....	16
01740 -- WARRANTIES, GUARANTEES, AND BONDS	17

01010 -- SUMMARY OF THE WORK

.01 - Work Under The Contract

The Work shall be as described in the Contract Documents.

.02 - Work by Others

Should any other contractor be engaged by the Owner to perform work on the Site or in areas adjoining or adjacent to the Site, the Contractor and such other contractor shall coordinate the work of the Contractor and such other contractor.

.03 - Items Not Included

The following items shown on the drawings are not included in the Work:

- A. Items indicated "By Others".
- B. Items indicated "N.I.C." (Not in Contract)
- C. Existing construction not indicated or specified to be removed, replaced or altered.

.04 - Openings and Chases

- A. The Contractor shall build openings, including but not limited to channels, chases and flues as required to complete the Work as set forth in the Contract and as directed by the Owner before any work is installed.
- B. After the installation and completion of any work for which openings, including but not limited to, channels, chases and flues, have been provided for the Contractor, the Contractor shall build in, over, around and finish all such openings as required to complete the Work.
- C. If a contractor fails to furnish drawings and information required in connection with such openings before the General Construction Contractor performs any Work affected thereby, said contractor who so fails to furnish such drawings and information shall bear the cost of all cutting and refinishing including that part of the General Construction Contractor's Work affected.
- D. The Contractor shall Furnish and Install all sleeves, inserts, hangers and supports required for the execution of the Work.
- E. Specific instructions shall be obtained from the Owner or the Owner's Representative before cutting beams or other structural members, arches or lintels.
- F. The Contractor shall not endanger the Work and shall not cut or alter the Work unless prior approval and instructions are received from the Owner or the Owner's Representative.

.05 - Surveys and Layout

- A. If, for any reason, stakes, batter boards or monuments are disturbed, it shall be the responsibility of the Contractor to reestablish them.
- B. The Owner or the Owner's Representative may order construction work suspended at any time when location of monuments, stakes, bench marks and other layout markings established by the Contractor are not adequate to permit checking the Work.
- C. The Contractor shall Provide and shall maintain axis lines on each floor and shall establish and shall maintain grade marks 4' 0" above the finished floor on each floor level.
- D. The Contractor shall Furnish such stakes and other required equipment, tools and materials, and all labor as may be required in laying out any part of the Work.

.06 - Scheduling

- A. The Contractor shall deliver to the Owner schedules and forms in accordance with the Contract.
- B. The Owner or the Owner's Representative may require the Contractor to modify schedules which the Contractor has submitted either before or after such schedules are approved so that:
 - 1. The Work shall not be delayed.
 - 2. Changes in the Work are reflected in the schedules of the Contractor.

.07 - Contractor Use of Premises

While performing the Work, the Contractor shall take every precaution against injuries to persons and damage to property.

01080 -- PERMITS AND COMPLIANCE

.01 - Permits and Licenses

The Contractor shall obtain, maintain and pay for all permits and licenses necessary for the execution of the Work and for the use of such Work when completed.

Prior to final payment the Contractor shall deliver to the Owner's Representative all permits and certificates of approval issued by any agency having jurisdiction.

.02 - Compliance

The Contractor shall give all notices, pay all fees and comply with all laws, rules and regulations applicable to the Work.

.03 - Additional Compliance

The Contractor, Subcontractors, and the employees of the Contractor and Subcontractors, shall comply with all regulations governing conduct, access to the premises, operation of equipment and systems and conduct while in or near the premises and shall perform the Work in such a manner as not to unreasonably interrupt or interfere with the conduct of business of the Institution.

.04 - Royalties and Patents

It is the sole responsibility of the Contractor to determine what, if any, patents are applicable to the Project. The Contractor shall pay all royalties and/or license fees. The Contractor shall defend all suits or claims for infringement of any patent rights and save the Owner, Architect, Engineer, Environmental Consultant and Construction Manager harmless from loss, including attorney's fees, on account thereof.

01200 -- PROJECT MEETINGS

.01 - Project meetings shall be held to accomplish the following:

- A. Coordinate the Work.
- B. Establish a sound working procedure and relationship between all contractors, the Owner and the Owner's Representative.
- C. Review requisitions, proposals and change orders.
- D. Review the progress of the Work, review quality of work in place and review approval required by the Work and review delivery of materials.
- E. Expedite the Work to completion within the scheduled time limit.
- F. Review progress payments.

.02 - Initial Job Meeting (Orientation Meeting)

The Owner or the Owner's Representative shall call an initial job meeting which the Contractor shall attend. This meeting shall be called prior to the start of construction.

.03 - Job Progress Meetings

- A. Job progress meetings shall be scheduled by the Owner or the Owner's Representative during the course of construction. The Contractor or the Contractor's duly authorized representative and such Subcontractors as required by the Contractor or the Owner or the Owner's Representative shall be present at all job progress meetings. The Contractors and Subcontractors shall answer questions on progress, workmanship, approvals required, delivery of material and other subjects concerning the Work. The purpose of such meetings is to coordinate the efforts of all

concerned so that the Work proceeds without delay to completion as required by the Contract.

- B. The Owner or the Owner's Representative may require any schedule to be modified so that changes in the Work, delays or acceleration of any segment of the Work shall be reflected in such schedule. The Contractor shall cooperate with the Owner or the Owner's Representative in providing data for such changes in or modifications of schedules.

01300 -- SUBMITTALS

.01 - Schedules & Records

- A. Within the time set forth in the Contract, the Contractor is required to complete and submit to the Owner or the Owner's Representative the following forms:
 - 1. Submit construction progress schedule to the Owner or the Owner's Representative no later than thirty (30) calendar days after receipt by the Contractor of notice to proceed.
 - 2. Submit names and addresses of all Subcontractors to the Owner or the Owner's Representative within thirty (30) calendar days of approval of the construction progress schedule.
 - 3. Submit to the Owner or the Owner's Representative the date on which the Contractor proposes to award each subcontract a minimum of ten (10) days prior to such proposed award.
 - 4. Submit Shop Drawings and material sample schedule to the Owner or the Owner's Representative no later than thirty (30) days after approval of the construction progress schedule. Such schedule shall include the date of all Shop Drawings, samples and materials shall be submitted and the date approval is required.
 - 5. Submit to the Owner or the Owner's Representative on a form approved by the Owner, a schedule of anticipated monthly requisition amounts. Such schedule shall be submitted from time to time as directed by the Owner, the first such submission being required to be made by the Contractor within ten (10) days of receipt by the Contractor of a written order to proceed issued by the Owner. The amounts employed in preparing such schedules in no way shall be binding upon the Owner.
- B. Sample forms shall be provided by the Owner or the Owner's Representative for the above mentioned schedules and records.

01311 – PROJECT ANALYSIS

.01 - Project Control and Progress Meetings

- A. The Contractor shall attend all scheduling meetings as directed by the Owner or the Owner's Representative.
- B. In addition to the Owner or the Owner's Representative and the Contractor's Superintendent and Scheduling Coordinator, such meetings shall also be attended by representatives of such subcontractors as the Contractor, the Owner or the Owner's Representative may deem advisable. The agenda for such meetings shall include the progress and current status of the Work, proposed solutions for problem areas and a review of schedules for future Work in order to meet the Contractor's objectives and his obligations under the Contract. Consideration shall be given to establishing actual start dates, actual completion dates, planned starts and finishes, quantities installed, man hours worked, as well as other data relevant to the performance of the Contract.
- C. At least one week before each meeting described in subsection .01A of this Division 01311, the Contractor shall furnish progress data in the form required by the Owner or the Owner's Representative as follows:
 - 1. The status of all activities as of date determined by the Owner or the Owner's Representative.
 - 2. A list of actual start and completion dates for all activities.
 - 3. Projected durations of completion of those activities in progress.
 - 4. Relevant data of submittals in progress including equipment releases and equipment in fabrication.
 - 5. All other information which in the discretion of the Owner or its Representative, may be required to complete the Project Schedule Update.

.02 – Payment

The Contractor's Payment Breakdown and Monthly Requisition as called for by Section 17.01 of the General Conditions of the Contract shall be the basis by which the Contractor is to be paid.

.03 - Time of Completion

It is the sole responsibility of the Contractor to complete the Work within the time of completion required by the Contract.

01340 -- SHOP DRAWINGS AND SAMPLES

.01 - Contractor Submittal

- A. The Contractor shall submit the Shop Drawings and samples required by the Architect and the Contractor shall adhere to all submittal and scheduling requirements for Shop Drawings and samples. After examination of such Shop Drawings and samples by the Architect and the return of such items by the Architect to the Contractor, the Contractor shall make corrections indicated and shall furnish to the Architect the required number of corrected copies of Shop Drawings or samples.
- B. Shop Drawings shall be accompanied by a letter of transmittal to the Owner or the Owner's Representative requesting approval and date approval is desired.
- C. Each Shop Drawings and letter of transmittal shall be identified with the following information:
 - 1. Project title
 - 2. Contract name
 - 3. Date of the drawing, including dates of any revisions
 - 4. Name of Contractor, name of Subcontractor, material supplier and manufacturer, as applicable
 - 5. Name of person or firm preparing Shop Drawings
 - 6. Contract drawing numbers and specifications, section division and paragraph numbers used as references in preparing Shop Drawings, and titles of items to which the Shop Drawing refers.
- D. Shop Drawings shall show the design, dimensions, connections and other details necessary to insure that the Shop Drawings accurately interpret the Contract Documents and shall also show adjoining Work in such Detail as required to provide proper connections with said adjoining Work. Where adjoining connected Work requires Shop Drawings, such Shop Drawings shall be submitted to the Owner or the Owner's Representative for approval at the same time so that connections can be checked.
- E. The Contractor shall verify all field measurements. Measurements available prior to submittal of Shop Drawings shall be shown and so noted on the Shop Drawings. Measurements not available prior to submission of Shop Drawings shall be noted on the Shop Drawings as not available and such measurements shall be obtained prior to fabrication.

- F. The Contractor shall submit manufacturer's drawings and specifications when necessary to fully explain apparatus or equipment required by the Work. These manufacturer's drawings and specifications shall be treated as Shop Drawings. Manufacturer's catalog numbers alone are not acceptable as sufficient information for compliance with this requirement.
- G. Samples shall be accompanied by a letter of transmittal to the Owner or the Owner's Representative requesting approval, and date approval is desired.
- H. Each sample shall be labeled with the following information:
 - 1. Project title
 - 2. Contract name
 - 3. Date of submission
 - 4. Name and quality of the material
 - 5. Name of Contractor, name of Subcontractor, material supplier and manufacturer, as applicable
 - 6. Contract drawing numbers and specification section, division and paragraph numbers used as reference in preparing samples.
- I. Samples shall be of sufficient size and number to show the quality, type, color, finish and texture of the material required to be furnished by the Contractor pursuant to the Contract.

.02 - Contractor Review

The Contractor shall review, verify and determine all field measurements, field construction criteria, materials, catalog numbers and similar data, shall coordinate each Shop Drawing and sample with the requirements of the Contract and shall determine whether or not such Shop Drawings are in conformity with the provisions of the Contract before submitting the Shop Drawings to the Architect for approval.

.03 - Contractor Responsibility

The Architect's approval of Shop Drawings and samples shall not relieve the Contractor of responsibility for any deviation from the requirements of the Contract. The Contractor shall be responsible for the accuracy of the Shop Drawings and samples and for the conformity of Shop Drawings and samples with the Contract unless the Contractor has notified the Architect of the deviation in writing at the time of submission and has received from the Architect written approval of the specified deviations. The Architect's approval shall not relieve the Contractor of responsibility for errors or omissions in the Shop Drawings or samples.

.04 - Commencement of Work

No portion of the Work shall be commenced until required Shop Drawings or samples are approved by the Architect.

01380 -- PROGRESS PHOTOGRAPHS

.01 - Contractor Submission

- A. The Contractor shall furnish to the Owner, progress photographs of the Work as follows: three (3) 8" x 10" glossy prints of each of the following views:
1. Two (2) different views of the area in which the building or buildings are to be located, taken before excavation starts.
 2. Two (2) different views for each building when footings are in place and forms completed.
 3. Four (4) different views for each building when foundations are completed.
 4. Four (4) different views for each building when exterior wall is fifty per cent (50%) completed.
 5. Four (4) different views for each building when the structure is ready for roofing.
 6. Four (4) different exterior views in color for each building at completion.
 7. Six (6) interior views in color for each building as directed upon completion.
- B. A title identifying the view shown by each photograph and date taken shall appear on the back of each print.

01500 -- TEMPORARY FACILITIES AND CONTROLS

.01 - Requirements

The Contractor shall Provide the temporary facilities and controls as hereinafter specified and as required by law.

.02 - Temporary Lighting and Electric Service

The Contractor shall Provide and maintain all temporary lighting and power required in connection with the Contractor's operations from the commencement of the Work until the completion of each structure or for such other time as

directed by the Owner or the Owner's Representative. When the use of such temporary lighting and power is no longer required, all temporary wiring and equipment shall be completely removed by the Contractor. The Contractor shall make the necessary application to the lighting company and pay for all charges, costs and expenses incidental to the installation and maintenance of temporary lighting and power as required in connection with the Contractor's operations, and the Contractor shall pay for all power used. The minimum temporary lighting to be provided is at the rate of one-quarter watt per square foot and is to be maintained in each room and changed as required when interior walls are being erected. The required temporary lighting must be maintained for twenty-four (24) hours a day and seven (7) days a week at all stair levels and in all corridors below ground; in all other spaces temporary lighting is to be maintained only during working hours. All temporary wiring and equipment shall be in conformity with the National Electric Code. Three-phase temporary power circuits shall be installed as required to operate construction equipment of the various trades and to install and test equipment such as pumps and elevators. The Contractor shall install and maintain temporary or permanent service for the permanently installed building equipment such as sump pumps, boilers, boiler controls, fans, pumps, so that such equipment may be operated when required and so ordered by the Owner or the Owner's Representative for drainage or for temporary heat.

.03 - Material Hoists

A. General

1. Material hoists shall be operated by diesel, gasoline or steam engines and shall be complete with all equipment necessary for operation. Such hoists shall run from grade to roof, shall be installed immediately following the structural framing, centering or form work, and centering or form work unless otherwise approved by the Owner or the Owner's Representative. Electrically operated hoists shall not be used except as otherwise allowed by the Contract.
2. Material hoists shall meet any and all requirements of law, rule or regulation.
3. Hoist cars shall be of required size and design for the hoisting of all normal size building materials.

B. The Contractor shall:

1. Furnish, install, maintain and operate at the Contractor's expense, all hoisting equipment required for the Work.
2. Furnish all labor required for the Work.

.04 - Temporary Use of Permanent Elevator as Equipment Material Hoist

- A. The Contractor shall:
 - 1. Use the temporary hoists until a building is completed, or until the Contractor may, with the Owner's permission, use the equipment of one (1) elevator in a building for temporary service after the permanent elevator equipment and the permanent electric service have been installed.
 - 2. If the Contractor elects to use such permanent elevator equipment, the Contractor shall:
 - a. Provide adequate protection for such equipment and shall operate such equipment within a capacity not to exceed that allowed by law, rule or regulation.
 - b. Provide for the maintenance of the elevator equipment as approved by the Owner or the Owner's Representative.
 - c. Leave such equipment in perfect condition.
- B. The permanent elevator equipment shall be ready for use when required by the Work and shall permit any use approved by the Owner or the Owner's Representative.

.05- Temporary Enclosures

The Contractor shall:

- A. Provide, install and maintain any temporary weather resistant enclosures for all openings in exterior walls and roof that are not enclosed.
- B. After building is enclosed, maintain proper temperatures required by the Contract.

.06 - Temporary Fence Enclosures

The Contractor shall Provide, Install and maintain any temporary fence enclosures required by the Contract.

.07 - Maintenance of Permanent Roadways

The Contractor shall immediately remove dirt and debris which may collect on permanent roadways due to the Work.

.08 – Traffic Control

- A. Routes to and from the location of the Work shall be as indicated in the Contract or as directed by the Owner or the Owner's Representative.
- B. Parking areas for the use of those engaged in the Work shall be as indicated in the Contract or as directed by the Owner or the Owner's Representative.

.09 - Fire Prevention Control

The Contractor Shall:

- A. Provide private unlisted telephone service reserved for fire calls at a location or locations approved by the Owner or the Owner's Representative. Such service shall be in addition to any other telephone service. The Contractor shall pay all costs thereof until completion and acceptance of the Work or as otherwise directed by the Owner or the Owner's Representative.
- B. Comply with the safety provisions of the National Fire Protection Association's "National Fire Codes" pertaining to the Work and, particularly, in connection with any cutting or welding performed as part of the Work.

.10 - Pollution Control

The Contractor shall:

- A. Comply with all laws, rules and regulations governing pollution control, including but not limited to those of the Department of Environmental Conservation of the State of New York.
- B. Take all necessary precautions including, but not limited to digging and maintaining settling basins and dams; diverting streams, and taking all other actions that may be necessary to prevent silt, and waste of any kind from being deposited, silting and reduction of quality of streams below the construction area and downstream properties as a result of the Work.
- C. Refrain from the disposal of volatile fluid wastes into storm or sanitary sewer systems, approved sewage disposal systems or any waterway.
- D. Refrain from burning trash or waste materials.

.11 - Temporary Field Office

- A. The Contractor may Provide a temporary office structure, for the Contractor's use during the course of the Work.
 - 1. The Contractor must receive prior written approval from the Owner or the Owner's Representative for such temporary office structure in relation to location, type of structure, and included facilities.
 - 2. All toilet and sink facilities in any such office structure shall be connected to an approved sewage disposal system.
 - 3. The Contractor shall remove the temporary office structure from the Site and shall repair the Site and finish the area as directed by the Owner or the Owner's Representative.

- B. The Contractor shall:
 - 1. Provide a temporary office structure completely separate from any other office structures at a location approved by the Owner or the Owner's Representative until the Work is completed and is accepted.
 - 2. Provide such office structure for the exclusive use of the Owner.
 - 3. Bear all costs in relation to the furnishing, construction and removal of such office structure.
 - 4. Repair and refinish the area as directed by the Owner or the Owner's Representative.
 - 5. Construct such office structure and furnish such office structure as required by the Contract.
 - 6. Maintain such office structure in a sanitary condition and in proper repair, properly heat the structure, furnish the fuel and furnish all utilities and pay all utility charges.
 - 7. Install a telephone for the sole use of the Owner or the Owner's Representative and pay all service and local toll charges incurred as a result of the use of such telephone service.

- C. **With** the prior written approval of the Owner or the Owner's Representative any other Contractor may erect a substantial office structure at the Site for the use of such Contractor in relation to the Work.
 - 1. All toilet and sink facilities in any such office structure shall be connected to an approved sewage disposal system.

2. Such Contractor shall remove the temporary office structure from the Site and shall repair the Site and finish the area as directed by the Owner or the Owner's Representative.
- D. When adequate space is available in a building, the Contractor may transfer such office to available space with the prior written permission of the Owner or the Owner's Representative.
- E. Trailers providing comparable facilities may be accepted at the discretion of the Owner or the Owner's Representative.

.12 - Rubbish Removal

- A. The Contractor shall:
 1. Keep the Work free from rubbish at all times.
 2. Clean all enclosed structures daily.
 3. Remove rubbish from the Site at least once a week.
- B. The Contractor shall conform with the following:
 1. Burning of rubbish shall not be permitted.
 2. All rubbish shall be lowered by way of chutes, taken down by hoists, or lowered in receptacles. Under no circumstances shall any rubbish be dropped or thrown from one (1) level to another inside or outside any building.

.13 - Discontinuance, Changes and Removal

The Contractor shall:

- A. Discontinue all temporary services required by the Contract when so directed by the Owner or the Owner's Representative. The discontinuance of any such temporary service prior to the completion of the Work shall not render the Owner liable for any additional cost entailed thereby.
- B. Remove and relocate such temporary facilities as directed by the Owner or the Owner's Representative without additional cost to the Owner, and shall restore the Site and the work to a condition satisfactory to the Owner.

.14 - Project Identification

- A. No signs or advertisements shall be displayed on the site except as required by the Contract.

- B. The Contractor shall Furnish, erect and maintain the Site, the exact location thereof to be designated by the Owner or the Owner's Representative, a construction sign, in the form provided by the Contract.

.15 - Moisture and Condensation Control

The Contractor shall provide for ventilation of all structures until Physical Completion and acceptance of the Work and shall control such ventilation to avoid excessive rates of drying of construction materials, including but not limited to concrete and to plaster, and to prevent condensation on sensitive surfaces.

.16 - Protective Services

The Contractor shall provide security services required by the Contract.

01600 -- MATERIAL AND EQUIPMENT

.01 - Storage and Protection

- A. Materials stored on the Site shall be neatly piled and protected, and shall be stored in an orderly fashion in locations that shall not interfere with the progress of the Work or with the daily functioning of the Institution.
- B. Should it become necessary during the course of the Work to move materials or equipment stored on the Site, the Contractor, at the direction of the Owner or the Owner's Representative, shall move such material or equipment.

01700 -- PROJECT CLOSE OUT

.01 - Final Cleanup

- A. The Contractor shall leave the Work ready for use and occupancy without the need of further cleaning of any kind.
- B. The Contractor shall remove all tools, appliances, projects signs, material and equipment from the premises as soon as possible upon completion of the Work.
- C. The Work is to be turned over to the Owner in new condition, in proper repair and in perfect adjustment.

.02 - Required Close Out Documentation

- A. Prior to final payment the Owner shall receive the following documents as required by the Contract:

1. The Contractor's general guarantee.
 2. Specific guarantees, material, equipment and other items of work.
 3. All certificates obtained in connection with the Work.
 4. All final photographs of the Work.
- B. The Owner shall also receive from the Contractor prior to final payment:
1. A complete listing of all Subcontractors, business addresses and items supplied by each such Subcontractor.
 2. A listing of manufacturer's of major materials, equipment and systems installed in the Work.
 3. A copy of all test data taken in connection with the Work.
 4. Three (3) copies of all operation and maintenance manuals.
 5. All keys, tools, screens, spare construction material, finishing material and equipment required to be furnish to the Owner as part of the Work.

.03 - Orientation Instruction

Prior to final payment appropriate maintenance personnel of the Owner shall be oriented and instructed by the Contractor in the operation of all systems and equipment as required by the Contract.

.04 - Project Close Out Inspections

- A. When the Work has reached such a point of completion that the building or buildings, equipment or apparatus or any part thereof required by the Owner for occupancy or use can be so occupied and used for the purpose intended, the Owner or the Owner's Representative shall make a detailed inspection of the Work to insure that all requirements of the Contract have been met and that the Work is complete and is acceptable.
- B. A copy of the report of the inspection shall be furnished to the Contractor as the inspection progresses so that the Contractor may proceed without delay with any part of the Work found to be incomplete or defective.
- C. When the items appearing on the report of inspection have been completed or corrected, the Contractor shall so advise the Owner and the Owner's Representative. After receipt of the notification, the Owner or the Owner's Representative shall inform the Contractor of the date and time of final inspection. A copy of the report of the final inspection containing all

remaining contract exceptions, omissions and incompletions shall be furnished to the Contractor.

- D. After receipt of notification of completion and all remaining contract exceptions, omissions and incompletions from the Contractor, the Owner and the Owner's Representative shall make an inspection to verify completion of the exception items appearing on the report of final inspection.

01720 -- PROJECT RECORD DOCUMENTS

.01 - Project Record Drawings

- A. The purpose of the project drawings is to record the actual location of the Work in place including but not limited to underground lines, concealed piping within buildings, concealed valves and control equipment, and to record changes in the Work.
- B. In addition to the sets of contract drawings that are required by the Contractor on the Site to perform the Work, the Contractor shall maintain, at the Site, one (1) copy of all drawings, specifications and addenda that are part of the Contract as awarded. Each of these documents should be clearly marked "Project Record Copy", maintained in a clean and neat condition available at all times for inspection by the Owner or the Owner's Representative, and shall not be used for any other purpose during the progress of the Work.
- C. Project Record Requirements
 - 1. The Contractor shall mark-up the "Project Record Copy" to show:
 - (a) Approved changes in the Work.
 - (b) Location of underground Work and concealed Work.
 - (c) Details not shown in the original Contract Documents.
 - (d) Any relocation of Work.
 - (e) All changed in dimensions.
 - (f) All access doors.
 - (g) Location of all plumbing, heating, ventilating, air conditioning or electrical assemblies.
 - 2. Such information shall include, but shall not be limited to:

- (a) Footing depth in relation to finished grade elevations.
 - (b) Any change in floor elevations.
 - (c) Any structural changes.
 - (d) Any substitutions.
 - (e) Elevations and locations of all underground utilities, services, or structures referenced to permanent above-ground structures or monuments.
 - (f) Designation of all utilities as to the size and use of such utilities.
 - (g) All invert elevations of manholes.
 - (h) The location of all utilities, services and appurtenances concealed in building structures that have been installed different from that required by the Contract.
 - (i) Any approved change order.
- D. The Contractor shall keep the Project Record Documents up-to-date from day to day as the Work progresses. Appropriate documents are to be updated promptly and accurately; no Work is to be permanently concealed until all required information has been recorded.
- E. The project record drawings are to be submitted by the Contractor to the Owner or the Owner's Representative when all the Work is completed and is approved by the Owner and the Owner's Representative before the Contractor may request final payment.

01740 -- WARRANTIES, GUARANTEES, AND BONDS

See the Contract Documents for details.

SECTION V.
GENERAL CONDITIONS

Table of Contents General Conditions

PAGE

ARTICLE 1 -- DEFINITIONS	1
ARTICLE 2 -- CONTRACT DOCUMENTS	2
SECTION 2.01 - CAPTIONS.....	2
SECTION 2.02 - CONFLICTING CONDITIONS	2
SECTION 2.03 - NOTICE AND SERVICE THEREOF	2
SECTION 2.04 - NOMENCLATURE	3
SECTION 2.05 - INVALID PROVISIONS	3
ARTICLE 3 -- INTERPRETATION OF CONTRACT DOCUMENTS	3
SECTION 3.01 - OWNER	3
SECTION 3.02 - MEANING AND INTENT OF CONTRACT DOCUMENTS	3
SECTION 3.03 - ORDER OF PREFERENCE	4
ARTICLE 4 -- MATERIALS AND LABOR.....	4
SECTION 4.01- CONTRACTOR'S OBLIGATIONS	4
SECTION 4.02 - CONTRACTOR'S TITLE TO MATERIALS.....	5
SECTION 4.03 - "OR EQUAL" CLAUSE.....	5
SECTION 4.04 - QUALITY, QUANTITY AND LABELING.....	5
ARTICLE 5 -- CONTRACTOR.....	6
SECTION 5.01 - SUPERVISION BY CONTRACTOR	6
SECTION 5.02 - REPRESENTATIONS OF CONTRACTOR.....	6
SECTION 5.03 - COPIES OF CONTRACT DOCUMENTS FOR CONTRACTORS	7
SECTION 5.04 - MEETINGS.....	7
SECTION 5.05 - RELATED WORK	7
SECTION 5.06 - ERRORS OR DISCREPANCIES	7
ARTICLE 6 -- SITE CONDITIONS.....	7
SECTION 6.01 - SUBSURFACE OR SITE CONDITIONS FOUND DIFFERENT	7
SECTION 6.02 - VERIFYING DIMENSIONS AND CONDITIONS	8
SECTION 6.03 - SURVEYS.....	8
ARTICLE 7 -- INSPECTION AND ACCEPTANCE.....	9
SECTION 7.01 - ACCESS TO THE WORK	9
SECTION 7.02 - NOTICE FOR TESTING	9
SECTION 7.03 - REEXAMINATION OF WORK	9
SECTION 7.04 - INSPECTION OF WORK.....	9
SECTION 7.05 - DEFECTIVE OR DAMAGED WORK.....	10
SECTION 7.06 - TESTING	10
SECTION 7.07 - ACCEPTANCE.....	10
ARTICLE 8 -- CHANGES IN THE WORK	10
SECTION 8.01 - CHANGES	10
SECTION 8.02 - OVERHEAD AND PROFIT ALLOWANCE.....	12
SECTION 8.02A - DEDUCT CHANGE ORDERS.....	14
SECTION 8.03 - FORM OF CHANGE ORDERS	14
ARTICLE 9 -- TIME OF COMPLETION.....	15
SECTION 9.01 - TIME OF COMPLETION.....	15

ARTICLE 10 -- TERMINATION OR SUSPENSION	17
SECTION 10.01 - TERMINATION FOR CAUSE	17
SECTION 10.02 - TERMINATION FOR CONVENIENCE OF OWNER	17
SECTION 10.03 - OWNER'S RIGHT TO DO WORK	17
SECTION 10.04 -SUSPENSION OF WORK	18
ARTICLE 11 -- DISPUTES	18
SECTION 11.01 - CLAIMS FOR EXTRA WORK	18
SECTION 11.02 -CLAIMS FOR DELAY	19
SECTION 11.03 - FINALITY OF DECISIONS.....	19
ARTICLE 12 -- SUBCONTRACTS	20
SECTION 12.01 - SUBCONTRACTING.....	20
ARTICLE 13 -- CONTRACT COORDINATION AND COOPERATION	21
SECTION 13.01 - COOPERATION WITH OTHER CONTRACTORS	21
SECTION 13.02- SEPARATE CONTRACTS	22
SECTION 13.03 - COORDINATED COMPOSITE DRAWINGS	22
ARTICLE 14 -- PROTECTION OF RIGHTS, PERSONS AND PROPERTY	23
SECTION 14.01 -ACCIDENT PREVENTION.....	23
SECTION 14.02 -SAFETY PROGRAMS.....	23
SECTION 14.03 - PROTECTION OF WORK AND PROPERTY	23
SECTION 14.04 -ADJOINING PROPERTY	24
SECTION 14.05 - RISKS ASSUMED BY THE CONTRACTOR	24
ARTICLE 15--INSURANCE AND CONTRACT SECURITY	26
SECTION 15.01 - INSURANCE PROVIDED BY CONTRACTOR.....	26
SECTION 15.01A – OTHER INSURANCE PROVIDED BY CONTRACTOR	29
SECTION 15.02 -GENERAL CONFORMANCE	29
SECTION 15.03 -CONTRACT SECURITY	29
SECTION 15.04 - ADDITIONAL OR SUBSTITUTE BOND	27
SECTION 15.05 - FAILURE TO COMPLY WITH PROVISIONS OF ARTICLE 15	28
ARTICLE 16 -- USE OR OCCUPANCY PRIOR TO ACCEPTANCE BY OWNER.....	28
SECTION 16.01 - OCCUPANCY PRIOR TO ACCEPTANCE.....	28
ARTICLE 17 -- PAYMENT	30
SECTION 17.01 -PROVISION FOR PAYMENT.....	30
SECTION 17.02 -ACCEPTANCE OF THE FIRST PAYMENT PURSUANT TO SECTION 17.01 D. OF THE CONTRACT CONSTITUTES RELEASE	32
SECTION 17.03 - RELEASE AND CONSENT OF SURETY	32
SECTION 17.04 - LIENS	32
SECTION 17.05 - WITHHOLDING OF PAYMENTS.....	33
SECTION 17.06 - OWNER'S RIGHT TO AUDIT AND INSPECTION OF RECORDS	33
SECTION 17.07 - FALSE STATEMENTS/INFORMATION.....	33
ARTICLE 18 -- TAX EXEMPTION.....	34
SECTION 18.01 -TAX EXEMPTION	34
ARTICLE 19 -- GUARANTEE	34
SECTION 19.01 - GUARANTEE	34
ARTICLE 20 -- STANDARD PROVISIONS.....	34

SECTION 20.01 - PROVISIONS REQUIRED BY LAW DEEMED INSERTED.....	34
SECTION 20.02 - COMPLIANCE WITH LAWS, RULES AND REGULATIONS.....	35
SECTION 20.03 - LAWS GOVERNING THE CONTRACT	35
SECTION 20.04 - ASSIGNMENTS.....	35
SECTION 20.05 - NO THIRD PARTY RIGHTS.....	35
SECTION 20.06 - CONTRACT DEEMED EXECUTORY	35
SECTION 20.07 - ANTI-RIOT PROVISIONS	35
SECTION 20.08 - DOMESTIC STEEL	36
SECTION 20.09 - PROTECTION OF LIVES AND HEALTH	36
SECTION 20.10 - PROHIBITED INTERESTS/ ETHICAL CONDUCT.....	38
SECTION 20.11 – STATE AND FEDERAL LABOR LAW PROVISIONS	39
SECTION 20.12 - NONDISCRIMINATION	42
SECTION 20.13 - LIMITATION ON ACTIONS	43
SECTION 20.14 - WAIVER OF REMEDIES	44
SECTION 20.15 - WAIVER OF CERTAIN CAUSES OF ACTION.....	44
SECTION 20.16 - CONTRACTOR RELATIONSHIP	44
SECTION 20.17 - FAILURE TO COMPLY WITH THIS ARTICLE	44
SECTION 20.18 - YEAR 2000 WARRANTY.....	44
SECTION 20.19 - FALSE RECORDS/KICKBACKS	45
ARTICLE 21 - COOPERATION WITH INVESTIGATIONS	45

ARTICLE 1 -- DEFINITIONS

Section 1.01 - The following terms as used in the Contract Documents shall be defined as follows:

Beneficial Occupancy - The use, occupancy or operation by the Owner of the Work, or any part thereof, as evidenced by a notification of Beneficial Occupancy executed by the Owner.

Construction Completion - Acceptance by the Owner of the Work as evidenced by a Notification of Construction Completion executed by the Architect.

Construction Manager - A person, persons, firm, partnership or corporation, regularly engaged in the management of construction projects, and so designated by the Owner.

Consultant - A person, persons, firm, partnership or corporation providing Architectural, Engineering or other professional services, and so designated by the Owner.

Contract - The agreement between the Owner and the Contractor consisting of the Contract Documents including all amendments and supplements thereto.

Contract Documents - The Contract, Notice to Bidders, Bid Checklist, Bid Terms and Conditions, Contractor Reference Sheet, Contract Terms and Conditions, Bid Analysis Form, Affirmative Action Form, Change Order Form, Contractors Trade Payment Breakdown, Safety EHS Plan, Prevailing Wage Schedule, Information for Bidders, Form of Bid, General Conditions, General Requirements, Bonds, Drawings, Specifications, Addenda, Change Orders and any supplementary data together with all provisions of law deemed to be inserted in the Contract or incorporated by reference.

Contractor - A person, persons, firm, partnership or corporation with whom the Contract is entered into by the Owner to perform the Work.

Extra Work - Any work in addition to the Work initially required to be performed by the Contractor pursuant to the Contract.

Furnish - To deliver to the site ready for installation.

Install - To unload at the delivery point at the Site and perform every operation necessary to establish secure mounting and correct operation at the proper location.

Owner – The Fashion Institute of Technology and/or its auxiliary corporations, as applicable.

Owner's Representative - A person, persons, firm, partnership or corporation so designated by the Owner.

Project - Work at the Site(s) carried out pursuant to one or more sets of Contract Documents.

Provide - To Furnish and Install complete in place and ready for operation and use.

Shop Drawings - Diagrams, fabrication drawings, illustration, schedules, test data, performance charts, cuts brochures and other data which are submitted by the Contractor to the Architect and illustrate any portion of the Work. These drawings and data are reviewed and acted upon by the architect.

Site - The area within the Contract limit, as indicated by the Contract.

Subcontract - An agreement between the Contractor and Subcontractor for work on the Site.

Subcontractor - A person, persons, firm, partnership or corporation under contract with the Contractor, or under contract with any subcontractor, to provide labor and material at the Site.

Substantial Completion - Stage of construction at which the Architect determines there is a minimal amount of the Work to be completed, or Work to be corrected.

Work - The performance of all obligations imposed upon the Contractor by the Contract.

ARTICLE 2 -- CONTRACT DOCUMENTS

Section 2.01 - Captions

The table of contents, titles, captions, headings, running headlines and marginal notes contained herein and in said documents are solely to facilitate reference to various provisions of the Contract Documents and in no way affect the interpretation of the provisions to which they refer.

Section 2.02 - Conflicting Conditions

Should any provision in any of the Contract Documents be in conflict or inconsistent with any of the General Conditions or Supplements thereto, the General Conditions or Supplements thereto shall govern.

Section 2.03 - Notice and Service Thereof

Any notice to the Contractor from the Owner relative to any part of the Contract shall be in writing and service considered complete when said notice is mailed to the Contractor at the last address given by the Contractor, or when delivered in person to said Contractor or the Contractor's authorized representative.

Section 2.04 - Nomenclature

Materials, equipment or other Work described in words which have a generally accepted technical or trade meaning shall be interpreted as having said meaning in connection with the Contract.

Section 2.05 - Invalid Provisions

If any term or provision of the Contract Documents or the application thereof to any person, firm or corporation or circumstance shall, to any extent, be determined to be invalid or unenforceable, the remainder of the Contract Documents, or the application of such terms or provisions to persons, firms or corporations or circumstances other than those to which it is held invalid or unenforceable, shall not be affected thereby and each term or provision of the Contract Documents shall be valid and be enforced to the fullest extent permitted by law.

ARTICLE 3 -- INTERPRETATION OF CONTRACT DOCUMENTS

Section 3.01 – Owner/Architect

- A. The Owner's representative/Architect shall give all orders and directions contemplated under the Contract relative to the execution of the Work. The Architect shall determine the amount, quality, acceptability of the Work and shall decide all questions which may arise in relation to said Work. The Owner's estimates and decisions shall be final except as otherwise expressly provided. In the event that any question arises between the Owner and Contractor concerning the Contract, the decision of the Owner shall be a condition precedent to the right of the Contractor to receive any money or payment under the Contract.
- B. Any differences or conflicts concerning performance which may arise between the Contractor and other contractors performing Work for the Owner shall be adjusted and determined by the Owner's representative.
- C. The Owner may act through a representative designated by the Owner.

Section 3.02 - Meaning and Intent of Contract Documents

The meaning and intent of all Contract Documents shall be as interpreted by the Architect.

Section 3.03 - Order of Preference

- A. Figured dimensions shall take precedence over scaled dimensions. Larger scale drawings shall take precedence over smaller scale drawings. Latest addenda shall take precedence over previous addenda and earlier dated drawings and specifications.
- B. Should a conflict occur in or between or among any parts of the Contract Documents that are entitled to equal preference, the better quality or greater quantity of material, of the more specific compared to the general, shall govern, unless the Architect/Owner's representative directs otherwise.
- C. Drawings and specifications are complementary. Anything shown on the drawings and not mentioned in the specifications, or mentioned in the specifications and not shown on the drawings, shall have the same effect as if shown or mentioned in both.

ARTICLE 4 -- MATERIALS AND LABOR

Section 4.01 - Contractor's Obligations

- A. The Contractor shall, in a good workmanlike manner, perform all the Work required by the Contract Documents within the time specified in the Contract.
- B. The Contractor shall Furnish, erect, maintain, and remove such construction plant and such temporary Work as may be required for the performance of its work. The Contractor shall be responsible for the safety, efficiency and adequacy of the Contractor's plant, appliances and methods, and for damage which may result from failure or improper construction, maintenance or operation of said plant, appliances and methods. The Contractor shall comply with all terms of the Contract, and shall, carry on and complete the entire Work to the satisfaction of the Owner.
- C. Any labor, materials or means whose employment or utilization during the course of this Contract may tend to or in any way cause or result in strike, work stoppages, delays, suspension of Work or similar troubles by workmen employed by the Contractor, its subcontractors or material suppliers, or by any of the trades working in or about the buildings and premises where Work is being performed under this Contract, or by other contractors, their subcontractors or material suppliers pursuant to other contracts shall not be allowed. Any violation by the Contractor of this requirement may in the sole judgment of the Owner be considered as proper and sufficient cause for declaring the Contractor to be in default, and for the Owner to take action against the Contractor as set forth in the General Conditions Article entitled "Termination" or such other action as the Owner may deem proper.

Section 4.02 - Contractor's Title to Materials

- A. No materials or supplies for the Work shall be purchased by the Contractor or by any Subcontractor subject to any chattel mortgage or under a conditional sale or other agreement by which an interest is retained by any other party. The Contractor warrants that the Contractor has full, good and clear title to all materials and supplies used by the Contractor in the Work, or resold to the Owner pursuant to the Contract free from all liens, claims or encumbrances.
- B. All materials, equipment and articles which become the property of the Owner shall be new unless specifically stated otherwise.

Section 4.03 - "Or Equal" Clause

- A. Whenever a material, article or piece of equipment is identified on the plans or in the specifications by reference to manufacturers' or vendors' names, trade names, catalogue number or make, said identification is intended to establish a standard. Any material, article or equipment of other manufacturers and vendors which performs satisfactorily the duties imposed by the general design may be considered equally acceptable provided that, in the opinion of the Architect/Engineer, the material, article or equipment so proposed is of equal quality, substance and function and the Contractor shall not Provide, Furnish or Install any said proposed material, article or equipment without the prior written approval of the Architect/Engineer. The burden of proof and all costs related thereto concerning the "or equal" nature of the substitute item, whether approved or disapproved, shall be borne by the Contractor.
- B. Where the Architect/Engineer, pursuant to the provisions of this Section, approves a product proposed by the Contractor and said proposed product requires a revision of the Work covered by this Contract, or the Work covered by other contracts, all changes to the Work of all contracts, revision or redesign, and all new drawings and details required therefore shall be provided by the Contractor at the cost of the Contractor and shall be subject to the approval of the Consultant.
- C. No substitution will be permitted which may result in a delay to the Project.

Section 4.04 - Quality, Quantity and Labeling

- A. The Contractor shall Furnish materials and equipment of the quality and quantity specified in the Contract.
- B. When materials are specified to conform to any standard, the materials delivered to the Site shall bear manufacturer's labels stating that the materials meet said standards.

- C. The above requirements shall not restrict or affect the Owner's right to test materials as provided in the Contract.
- D. The Contractor shall develop and implement quality control plans to assure itself and the Owner that all Work performed by the Contractor and its Subcontractors complies fully with all Contract requirements, and shall submit the plans to the Owner as required by the Contract. See Submittals Section of the General Requirements. The Contractor's quality control plans shall be independent of any testing or inspection performed by or on behalf of the Owner.

ARTICLE 5 -- CONTRACTOR

Section 5.01 - Supervision by Contractor

- A. The Contractor shall provide full-time competent supervision for the duration of the Contract; during the course of on-site work the Contractor shall provide a full-time on-site superintendent who shall have full authority to act for the Contractor at all times. The Superintendent shall be able to read, write and speak English fluently, as well as communicate with the workers.
- B. If at any time the supervisory staff is not satisfactory to the Owner, the Contractor shall, if directed by the Owner, immediately replace such supervisory staff with other staff satisfactory to the Owner.
- C. The Contractor shall remove from the Work any employee of the Contractor or of any Subcontractor when so directed by the Owner.

Section 5.02 - Representations of Contractor

The Contractor represents and warrants:

- A. That it is financially solvent and is experienced in and competent to perform the Work, and has the staff, equipment, subcontractors and suppliers available to complete the Work within the time specified for the Contract price.
- B. That it is familiar with all Federal, State or other laws, ordinances, orders, rules and regulations that may in any way affect the Work.
- C. That any temporary and permanent Work required by the Contract can be satisfactorily constructed, and that said construction will not injure any person or damage any property.
- D. That it has carefully examined the Contract and the Site of the Work and that, from the Contractor's own investigations and through the bid process and requirements is satisfied as to the nature and materials likely to be encountered, the character of equipment and other facilities needed

for the performance of the Work, the general and local conditions and all other materials or items which may affect the Work.

- E. That it is satisfied that the Work can be performed and completed as required in the Contract, and warrants that it has not been influenced by any oral statement or promise of the Owner or the Consultant.

SECTION 5.03 – COPIES OF CONTRACT DOCUMENTS FOR CONTRACTORS

- A. The Owner shall furnish to the Contractor, without charge, up to five (5) copies of Contract Documents.
- B. Any sets in excess of the number mentioned above may be furnished to the Contractor at the cost of reproduction and mailing or delivery.

SECTION 5.04 - MEETINGS

The Contractor shall attend all meetings as directed by the Owner or the Owner's Representative.

SECTION 5.05 – RELATED WORK

To ascertain the relationship of its work to all Work required by the Contract Documents, the Contractor shall examine the Contract Documents for Work of its Contract and any related work of other contracts.

SECTION 5.06 – ERRORS OR DISCREPANCIES

The Contractor shall examine the Contract thoroughly before commencing the Work and report in writing any errors or discrepancies to the Owner or the Owner's Representative within five (5) days of discovery.

ARTICLE 6 -- SITE CONDITIONS

SECTION 6.01 – SUBSURFACE OR SITE CONDITIONS FOUND DIFFERENT

- A. The Contractor acknowledges that the Contract amount set forth in its bid includes such provisions which the Contractor deems proper for all Site

conditions the Contractor could reasonably anticipate encountering as indicated in the Contract or from the Contractor's inspection and examination of the Site prior to submission of bids.

SECTION 6.02 – VERIFYING DIMENSIONS AND CONDITIONS

- A. The Contractor shall take all measurements and verify all dimensions and conditions at the Site before proceeding with the Work. If said dimensions or conditions are found to be in conflict with the Contract, the Contractor immediately shall refer said conflict to the Architect in writing. The Contractor shall comply with any revised Contract Documents.
- B. During the progress of Work, the Contractor shall verify all field measurements prior to fabrication of building components or equipment and proceed with the fabrication to meet field conditions.
- C. The Contractor shall consult all Contract Documents to determine exact location of all Work and verify spatial relationships of all Work. Any question concerning said location or spatial relationships may be submitted in a manner approved by the Architect.
- D. Special locations for equipment, pipelines, ductwork and other such items of Work, where not dimensioned on plans, shall be determined in consultation with other affected contractors.
- E. The Contractor shall be responsible for the proper fitting of the Work in place.

SECTION 6.03 - SURVEYS

Unless otherwise expressly provided in the Contract, the Owner shall furnish the Contractor all surveys of the property necessary for the Work, but the Contractor shall lay out the Work.

ARTICLE 7 -- INSPECTION AND ACCEPTANCE

SECTION 7.01 – ACCESS TO THE WORK

The Owner, the Owner's Representative, and the architect shall at all times have access to the Work and the Contractor shall provide proper facilities for said access.

SECTION 7.02 – NOTICE FOR TESTING

If the Contract Documents, the Owner's instructions, laws, rules, ordinances or regulations require that any Work be inspected or tested, the Contractor shall give the Architect and/or Owner's representative a minimum of three (3) work days written notice of readiness of the Work for inspection or testing and the date fixed for said inspections or testing.

SECTION 7.03 – REEXAMINATION OF WORK

Reexamination of any part of the Work may be ordered by the Owner, and if so ordered, the Work must be uncovered by the Contractor. If said Work is found to be in accordance with the Contract, the Owner shall pay the cost of reexamination. If said Work is not found to be in accordance with the Contract, the Contractor shall pay the cost of reexamination and replacement.

SECTION 7.04 – INSPECTION OF WORK

All Work, all materials whether or not incorporated in the Work, all processes of manufacture and all methods of construction shall be, at all times and places, subject to the inspection of the Owner or the Owner's Representative or the architect, and the Architect shall be the final judge of the quality and suitability of the Work, materials, processes of manufacture and methods of construction for the purposes for which said Work, materials, processes of manufacture and methods of construction are used. Any Work not approved by the Architect shall be reconstructed, made good, replaced or corrected immediately by the Contractor including all Work of other contractors destroyed or damaged by said removal or replacement. Rejected material shall be removed immediately from the Site. Acceptance of material and workmanship by the Owner shall not relieve the Contractor from the Contractor's obligation to replace all Work which is not in compliance with the Contract.

SECTION 7.05 – DEFECTIVE OR DAMAGED WORK

If, in the opinion of the Owner, it is undesirable to replace any defective or damaged materials or to reconstruct or correct any portion of the Work damaged or not performed in accordance with the Contract, the compensation to be paid to the Contractor shall be reduced by an amount which, in the judgment of the Owner, shall be deemed to be equitable.

SECTION 7.06 - TESTING

All materials and equipment used in the Work shall be subject to inspection and testing in accordance with accepted standards to establish conformance with specifications and suitability for uses intended, unless otherwise specified in the Contract. If any Work shall be covered or concealed without the approval or consent of the Architect, said Work shall, if required by the Architect, be uncovered for examination. Any inspection by the Architect or by a testing laboratory on behalf of the Owner does not relieve the Contractor of the responsibility to maintain quality control of materials, equipment and installation to conform to the requirements of the Contract. If any test results are below specified minimums, the Architect may order additional testing. The cost of said additional testing, any additional professional services required, and any other expenses incurred by the Owner as a result of said additional testing shall be at the Contractor's expense. The Owner may deduct such costs from moneys due the Contractor.

SECTION 7.07 - ACCEPTANCE

No previous inspection shall relieve the Contractor of the obligation to perform the Work in accordance with the Contract. No payment, either partial or full, by the Owner to the Contractor shall excuse any failure by the Contractor to comply fully with the Contract Documents. The Contractor shall remedy all defects and deficiencies, paying the cost of any damage to other Work resulting therefrom.

ARTICLE 8 -- CHANGES IN THE WORK

SECTION 8.01 - CHANGES

- A. Without invalidating the Contract, the Owner/Architect may order Extra Work or make changes by altering, adding to, or deducting from the Work, the Contract consideration being adjusted accordingly. No claims for Extra Work shall be allowed unless such Extra Work is ordered in writing by the Owner/Architect. No changes in the Work shall be made unless such Work is ordered in writing by the Owner/Architect or Owner's Representative. If the time for completion is affected by this change, the revised time for completion shall be included in the change order. The Owner may order the Contractor to perform the Extra Work and proceed under the Dispute Article.

- B. The amount by which the Contract consideration is to be increased or decreased by any change order may be determined by the Owner by one or more of the following methods:
1. By applying the applicable unit price or prices contained in the Contract.
 2. By estimating the fair and reasonable cost of the Extra Work:
 - a. Labor, including all wages, required wage supplements and insurance required by law, paid to employees below the rank of superintendent directly employed at the Site. Wages are the prevailing rate of wages defined in the Contract Documents and supplemental updates.
 - b. Premiums or taxes paid by the Contractor for worker's compensation insurance, unemployment insurance, FICA tax and other payroll taxes as required by law, net of actual and anticipated refunds and rebates.
 - c. Materials
 - d. Equipment, excluding hand tools, which in the judgment of the Owner, would have been or will be employed in the Work. It is the duty of the Contractor to utilize either rented or self-owned equipment that is of a nature and size appropriate for the Work to be performed. The Owner reserves the right to determine reasonable and appropriate equipment sizing, and at the Owner's discretion, to adjust the costs allowed to reflect a smaller or less elaborate piece of equipment more suitable for performance of the Extra Work.
 3. By determining the actual cost of the Extra Work in the same manner as in Article 8, Section 8.01, Subsection B. 2. except that the actual costs of the Contractor shall be used in lieu of estimated costs.
- C. The Owner shall have the option of determining by which method the Contractor shall proceed with said Extra Work. Wages are the prevailing rate of wages defined in the Contract Documents and supplemental updates. The Contractor shall submit a signed and notarized Labor Rate Worksheet(s) to the Owner to be used to determine hourly rates for various classifications of workers. The Contractor agrees to provide documentation verifying costs and calculations at the Owner's request.

- D. Regardless of the method used by the Owner in determining the value of a change order, the Contractor shall, within the time-frame given by the Owner, submit to the Owner or Owner's Representative a detailed breakdown of the Contractor's estimate of the value of the omitted or Extra Work.
- E. Unless otherwise specifically provided for in a change order, the compensation specified therein for Extra Work includes full payment for the Extra Work covered thereby, and the Contractor waives all rights to any other compensation for said Extra Work, damage or expense.
- F. The Contractor shall furnish satisfactory bills, payrolls and vouchers covering all items of cost and when requested by the Owner shall give the Owner access to all accounts and records relating thereto, including records of subcontractors and material suppliers.
- G. Increased bonding costs for the Work which may result from Owner issued Changes in the Work will be addressed by the Owner at the completion of the Project Work upon submission of satisfactory proof of Contractor's increased cost.
- H. Increased contractual liability insurance premium costs which may result from changes in the Work will be addressed by the Owner at the completion of the Work upon submission of satisfactory proof of Contractor's increased cost.

SECTION 8.02 – OVERHEAD AND PROFIT ALLOWANCE

A. See Example A for changes in the Work performed directly by the Contractor, whether a base cost is arrived at by estimated cost or actual cost method; add to base cost a sum equal to twenty percent. See Exceptions - Paragraphs “D” and “E”.

Example A:

Contractor base cost	\$1,000
20% overhead and profit	<u>200</u>
Total	\$1,200

B. See Example B for changes in the Work performed by a Subcontractor under contract with the Contractor, where estimated or actual cost is Ten Thousand Dollars (\$10,000.00) or less; add to the base cost a sum equal to twenty percent of cost, for the benefit of the Subcontractor. For the benefit of the Contractor; add an additional sum equal to ten percent of the Subcontractor's base cost.

Example B:

Subcontractor base cost	\$1,000
20% Subcontractor overhead and profit	<u>200</u>
Subcontractor Total	\$1,200
10% Contractor overhead and profit on base cost	<u>100</u>
Total	\$1,300

C. See Example C for changes in the Work performed by a Subcontractor, under contract with the Contractor, which exceeds a base cost of Ten Thousand Dollars (\$10,000) in estimated or actual cost; add to the base cost a sum equal to twenty percent of cost for the benefit of the Subcontractor. For the benefit of the Contractor; add an additional sum equal to ten percent of the first Ten Thousand Dollars (\$10,000) of the Subcontractor's base cost, plus five percent of the next Ninety Thousand Dollars (\$90,000) of the Subcontractor's base cost, plus three percent of any sum in excess of One Hundred Thousand Dollars (\$100,000) of the Subcontractor's base cost.

Example C:

Subcontractor base cost	\$200,000
20% Subcontractor overhead and profit	<u>40,000</u>
Subcontractor Total	\$240,000
10% Contractor overhead and profit on first \$10,000 base cost	1,000
5% on next \$90,000 base cost	4,500
3% on base cost over \$100,000	<u>3,000</u>
Total	\$248,500

D. See Example D for overhead and profit on major equipment such as: switchgear, transformers, air handling units, boilers, etc. For extra equipment purchases by the Contractor or Subcontractors which exceeds a base cost of Ten Thousand dollars (\$10,000) in estimated or actual cost; add to the base cost for the benefit of the Contractor a sum equal to ten percent of the first Ten Thousand dollars (\$10,000) of the vendor's base cost plus five percent of the next Ninety Thousand dollars (\$90,000) of the vendor's base cost, plus three percent of any sum in excess of One Hundred Thousand dollars (\$100,000) of the vendor's base cost. If the equipment is supplied by the Subcontractor, the Contractor is entitled to a maximum of ten (10) percent of the first Ten Thousand dollars (\$10,000) of the base cost.

Example D:

Vendor base cost	\$200,000
10% Contractor or Subcontractor overhead and profit on first \$10,000 base cost	1,000
5% on next \$90,000 base cost	4,500
3% on base cost over \$100,000	<u>3,000</u>
Contractor or Subcontractor Total	\$208,500
10% Contractor overhead and profit on first \$10,000 base cost when equipment is supplied by the Subcontractor, no other mark-up allowed	<u>1,000</u>
Total	\$209,500

E. See Example E for overhead and profit on a material only Change Order. For increased material purchases by the Contractor or Subcontractors which exceed a base cost of Ten Thousand dollars (\$10,000) in estimated or actual costs; add to the base cost for the benefit of the Contractor a sum equal to ten percent of the first Ten Thousand dollars (\$10,000) of the supplier's cost plus five percent of the next Ninety Thousand dollars (\$90,000) of the supplier's cost, plus three percent of any sum in excess of One Hundred Thousand dollars (\$100,000) of the supplier's cost. If the material is supplied by the Subcontractor, the Contractor is entitled to a maximum of ten (10) percent of the first Ten Thousand dollars (\$10,000) of the base cost.

Example E:

Material cost (net difference between original contract and revised)	\$200,000
10% Contractor or Subcontractor overhead and profit on first \$10,000 base cost	1,000
5% on next \$90,000 base cost	4,500
3% on base cost over \$100,000	<u>3,000</u>
Contractor or Subcontractor Total	\$208,500
10% Contractor overhead and profit on first \$10,000 base cost when material is supplied by the Subcontractor, no other mark-up allowed	1,000
Total	\$209,500

F. Other than the overhead and profit described in General Conditions Section 7.02A, no further overhead and profit will be allowed for changes to the Work performed by a Subcontractor under Subcontract with the Contractor or for major equipment or material supplier determined to be an affiliate of or controlled by the Contractor. An affiliate is considered any firm or entity in which the Contractor or any individual listed on the Contractor's NYS Vendor Responsibility Questionnaire either owns 5% or more of the shares of, or is one of the five largest shareholders, a director, officer, member, partner or proprietor of said Subcontractor, major equipment or material supplier; a controlled firm is any firm or entity which, in the opinion of the Owner, is controlled by the Contractor or any individual listed on the Contractor's NYS Vendor Responsibility Questionnaire.

1. The Owner, in its sole and exclusive discretion, will determine if a firm or entity is an affiliate of or controlled by the Contractor.

G. No overhead and profit shall be paid for changes in the Work performed by a Subcontractor not under Subcontract with the Contractor. No overhead and profit shall be paid on the premium portion of overtime pay. Where the changes in the Work involve both an increase and a reduction in similar or related Work, the overhead and profit allowance shall be applied only to the cost of the increase that exceeds the cost of the reduction.

SECTION 8.02A – DEDUCT CHANGE ORDER

The amount of credit to be allowed by the Contractor to the Owner for a deletion or change which results in a decrease in the Contract amount shall be as determined by the Owner. The credit shall include the overhead and profit allocable to the deleted or changed Work unless the Owner, in its sole and exclusive discretion, determines otherwise.

SECTION 8.03 – FORM OF CHANGE ORDERS

All Change Orders shall be processed, executed and approved on AIA document G701, which is included herein and made part of the Contract Documents. No alteration to this form shall be acceptable to the Owner and no payment for Extra Work shall be due the Contractor unless it executes a Change Order on said form.

ARTICLE 9 -- TIME OF COMPLETION

SECTION 9.01 – TIME OF COMPLETION

- A. The Work shall be commenced at the time stated in the Owner's written notice to proceed, and shall be completed no later than the time of completion specified in the Contract Documents. Notwithstanding anything to the contrary, a schedule submitted by the Contractor showing a time of completion earlier than that specified in the Contract shall not entitle the Contractor to any additional compensation in the event the earlier time of completion is not realized.
- B. It is hereby understood and mutually agreed, by and between the Contractor and the Owner, that the time for completion of the Work, as specified in the Contract Documents, is an essential and material condition of the Contract.
- C. The Contractor agrees that the Work shall be prosecuted regularly, diligently and uninterruptedly at such rate of progress as shall insure full completion thereof within the time specified. It is expressly understood and agreed, by and between the Contractor and the Owner, that the time for completion of the Work described herein is a reasonable time for completion of the same.
- D. If the Contractor shall neglect, fail or refuse to complete the Work within the time specified, or any proper extension thereof granted by the Owner, the Contractor agrees to pay to the Owner for loss of beneficial use of the structure an amount specified in the Contract, not as a penalty, but as liquidated damages, for each and every calendar day that the Contractor is in default. Default shall include abandonment of the Work by the Contractor.
- E. Said amount of liquidated damages is agreed upon by and between the Contractor and the Owner because of the impracticability and extreme difficulty of fixing and ascertaining the actual damages which the Owner would sustain for loss of beneficial use of the structure in the event of delay in completion, and said amount is agreed to be the amount of damages sustained by the Owner and said amount may be retained from time to time by the Owner.

- F. It is further agreed that time is of the essence for each and every portion of the Work. In any instance in which additional time is allowed for the completion of any Work, the new time of completion established by said extension shall be of the essence. The Contractor shall not be charged with liquidated damages or any excess cost if the Owner determines that the Contractor is without fault and that the delay in completion of the Work is due:
1. to an unforeseeable cause beyond the control and without the fault of, or negligence of the Contractor, and approved by the Owner, including, but not limited to, acts of God or of public enemy, acts of the Owner, fires, epidemics, quarantine, restrictions, strikes, freight embargoes and unusually severe weather; and
 2. to any delays of Subcontractors or suppliers occasioned by any of the causes specified in Subsections 1. of this paragraph.

The Contractor shall, within ten (10) days from the beginning of any such delay, notify the Owner, in writing, of the causes of the delay.

- G. The time for completion can be extended only by Change Order approved by the Owner and may be extended for:
1. all of the Work, or
 2. only that portion of the Work altered by the Change Order.

- H. The foregoing liquidated damages are intended to compensate the Owner only for the loss of beneficial use of the structure. In addition, the Contractor shall be liable to the Owner for whatever actual damages (other than actual loss of beneficial use) the Owner may incur as a result of any actions or inactions of the Contractor or its Subcontractors including, without limitation, interest expense and carrying costs, liabilities to other Contractors working on the project or other third parties, job extension costs and other losses incurred by the Owner. The provisions of this paragraph are for the exclusive use of the Owner, and shall not accrue to other contractors or third parties.

ARTICLE 10 -- TERMINATION OR SUSPENSION

SECTION 10.01 – TERMINATION FOR CAUSE

In the event that any provision of the Contract is violated by the Contractor or by any Subcontractor, the Owner may serve written notice upon the Contractor and upon the Contractor's surety, if any, of the Owner's intention to terminate the Contract; such notice shall contain the reasons for the intention to terminate the Contract upon a date specified by the Owner. If the violation or delay shall not cease or arrangements satisfactory to the Owner shall not be made, the Contract shall terminate upon the date so specified by the Owner. In the event of any such termination, the Owner may take over the Work and prosecute same to completion by Contract or otherwise for the account and at the expense of the Contractor, and the Contractor and Contractor's surety shall be liable to the Owner for all costs occasioned the Owner thereby. In the event of such termination the Owner may take possession of and may utilize such materials, appliances and plant as may be on the Site and necessary or useful in completing the Work.

SECTION 10.02 – TERMINATION FOR CONVENIENCE OF OWNER

The Owner, at any time, may terminate the Contract in whole or in part. Any such termination shall be effected by delivering to the Contractor a notice of termination specifying the extent to which performance of Work under the Contract is terminated and the date upon which the termination becomes effective. Upon receipt of the notice of termination, the Contractor shall act promptly to minimize the expenses resulting from the termination. The Owner shall pay the Contractor for Work of the Contract performed by the Contractor and accepted by the Owner for the period extending from the date of the last approved Application for Payment up to the effective date of the termination, including retainage. In no event shall the Contractor be entitled to compensation in excess of the total consideration of the Contract. . In the event of such termination the Owner may take over the Work and prosecute the Contract to completion and may take possession of and may utilize such materials, appliances, and equipment as may be on the Site and necessary or useful in completing the Work.

SECTION 10.03 – OWNER'S RIGHT TO DO WORK

The Owner may, after notice to the Contractor, without terminating the Contract and without prejudice to any other right or remedy the Owner may have, perform or have performed by others all of the Work or any part thereof and may deduct the cost thereof from any moneys due or to become due the Contractor.

SECTION 10.04 – SUSPENSION OF WORK

- A. The Owner may order the Contractor in writing to suspend, delay or interrupt performance of all or any part of the Work for a reasonable period of time as the Owner may determine. The order shall contain the reason or reasons for issuance which may include but shall not be limited to the following: latent field conditions, substantial program revisions, acquisition of rights of way or real property, financial crisis, labor disputes, civil unrest or acts of God.
- B. Upon receipt of a suspension order, the Contractor shall, as soon as practicable, cease performance of the Work as ordered and take immediate affirmative measures to protect such Work from loss or damage.
- C. The Contractor specifically agrees that such suspension, interruption or delay of the performance of the Work pursuant to this Article shall not increase the cost of performance of the Work of this Contract.
- D. Time for completion of the Work may be extended to such time as the Owner determines shall compensate for the time lost by the suspension, interruption or delay, such determination to be set forth in writing.

ARTICLE 11 -- DISPUTES

SECTION 11.01 – CLAIMS FOR EXTRA WORK

- A. If the Contractor claims that any Work which the Contractor has been ordered to perform will be Extra Work, or that any action or omission of the Owner is contrary to the terms and provisions of the Contract and will require the Contractor to perform Extra Work the Contractor shall:
 - 1. Promptly comply with said order.
 - 2. File with the Owner and the architect within fifteen (15) working days after being ordered to perform the Work claimed by the Contractor to be Extra Work or within fifteen (15) working days after commencing performance of the Work, whichever date shall be earlier, or within fifteen (15) working days after the said action or omission on the part of the Owner occurred, a written notice of the basis of the Contractor's claim, including estimated cost, and request for a determination thereof.

3. Proceed diligently, pending and subsequent to the determination of the Owner with respect to any said disputed matter, with the performance of the Work in accordance with all instructions of the Owner.
- B. No claim for Extra Work shall be allowed unless the same was done pursuant to a written order of the Owner. The Contractor's failure to comply with any or all parts of this Article shall be deemed to be:
1. a conclusive and binding determination on the part of the Contractor that said order, Work, action or omission does not involve Extra Work and is not contrary to the terms and provisions of the Contract,
 2. a waiver by the Contractor of all claims for additional compensation or damages as a result of said order, Work, action or omission.
- C. The value of claims for Extra Work, if allowed, shall be determined by the methods described in the Contract.

SECTION 11.02 – CLAIMS FOR DELAY

No claims for increased costs, charges, expenses or damages of any kind shall be made by the Contractor against the Owner for any delays or hindrances from any cause whatsoever; provided that the Owner, in the Owner's discretion, may compensate the Contractor for any said delays by extending the time for completion of the Work as specified in the Contract.

SECTION 11.03 – FINALITY OF DECISIONS

- A. Any decision or determination of the Architect, Owner or the Owner's Representative shall be final, binding and conclusive on the Contractor unless the Contractor shall, within ten (10) working days after said decision, make and deliver to the Owner a verified written statement of the Contractor's contention that said decision is contrary to a provision of the Contract. The Owner shall determine the validity of the Contractor's contention. Pending the decision of the Owner, the Contractor shall proceed in accordance with the original decision.
- B. Wherever it is required in the Contract that an application must be made to the Owner or a determination made by the Owner, the decision of the Owner on said application or the determination of the Owner under the Contract shall be final, conclusive and binding upon the Contractor unless the Contractor, within ten (10) working days after receiving notice of the Owner's decision or determination, files a written statement with the Owner that the Contractor reserves the Contractor's rights in connection with the matters covered by said decision or determination.

ARTICLE 12 -- SUBCONTRACTS

SECTION 12.01 – SUBCONTRACTING

- A. The Contractor may utilize the services of Subcontractors subject to the bid terms and conditions.
- B. The Contractor shall submit to the Owner, in writing, the name of each proposed Subcontractor as required by the Contract or earlier when requested. The Owner reserves the right to disapprove any proposed Subcontractor. Such disapproval shall not result in additional cost to the Owner.
- C. The Contractor shall be fully responsible for the Work, acts and omissions of Subcontractors, and of persons either directly or indirectly employed by Subcontractors.
- D. The Contractor shall cause appropriate provisions to be inserted in all subcontracts relative to the Work to bind Subcontractors to the Contractor by the terms of the Contract Documents insofar as applicable to the work of Subcontractors.
- E. The Contractor's use of Subcontractors shall not diminish the Contractor's obligation to complete the Work in accordance with the Contract Documents. The Contractor shall control and coordinate the work of Subcontractors.
- F. Nothing contained in the Contract or any subcontract shall create any contractual relationship between Subcontractors and the Owner.

ARTICLE 13 -- CONTRACT COORDINATION AND COOPERATION

SECTION 13.01 – COOPERATION WITH OTHER CONTRACTORS

- A. During the progress of the Work, other contractors may be engaged in performing work. The Contractor shall coordinate the Contractor's Work with the work of said other contractors in such a manner as the Owner may direct.
- B. If the Owner shall determine that the Contractor is failing to coordinate the Work with the work of other contractors as the Owner has directed:
 - 1. the Owner shall have the right to withhold any payments due under the Contract until the Owner's directions are complied with by the Contractor; and
 - 2. the Contractor shall assume the defense and pay on behalf of the Owner any and all claims or judgments or damages and from any costs or damages to which the Owner may be subjected or which the Owner may suffer or incur by reason of the Contractor's failure to promptly comply with the Owner's directions.
- C. If the Contractor notifies the Owner, in writing, that another contractor on the Site is failing to coordinate the work of said contractor with the Work, the Owner shall investigate the charge. If the Owner finds it to be true, the Owner shall promptly issue such directions to the other contractor with respect thereto as the situation may require. The Owner shall not be liable for any damages suffered by the Contractor by reason of the other contractor's failure to promptly comply with the directions so issued by the Owner, or by reason of another contractor's default in performance.
- D. Should the Contractor sustain any damage through any act or omission of any other contractor having a contract with the Owner or through any act or omission of any Subcontractor of said other contractor, the Contractor shall have no claim against the Owner for said damage.
- E. Should any other contractor having or which shall have a contract with the Owner sustain damage through any act or omission of the Contractor or through any act or omission of a Subcontractor, the Contractor shall reimburse said other contractor for all said damages and shall indemnify and hold the Owner harmless from all said claims.

- F. The Owner cannot guarantee the responsibility, efficiency, unimpeded operations or performance of any Contractor. The Contractor acknowledges these conditions and shall bear the risk of all delays including, but not limited to, delays caused by the presence or operations of other contractors and delays attendant upon any construction schedule approved by the Owner and the Owner shall not incur any liability by reason of any delay.

SECTION 13.02 – SEPARATE CONTRACTS

- A. The Owner may award other contracts, work under which may proceed simultaneously with the execution of the Work. The Contractor shall coordinate the Contractor's operations with those of other contractors as directed by the Owner. Cooperation shall be required in the arrangements for access, the storage of material and in the detailed execution of the Work.
- B. The Contractor shall keep informed of the progress and workmanship of other contractors and any Subcontractors and shall notify the Owner in writing immediately of lack of progress or defective workmanship on the part of other contractors or subcontractors, where said delay or defective workmanship may interfere with the Contractor's operations.
- C. Failure of a Contractor to keep so informed and failure to give notice of lack of progress or defective workmanship by others shall be construed as acceptance by the Contractor of said progress and workmanship as being satisfactory for proper coordination with the Work.
- D. Where the Contractor shall perform Work in close proximity to work of other contractors or subcontractors, or where there is evidence that Work of the Contractor may interfere with work of other contractors or subcontractors, the Contractor shall assist in arranging space conditions to make satisfactory adjustment for the performance of said work and the Work. If the Contractor performs work in a manner which causes interference with the work of other contractors or subcontractors, the Contractor shall make changes necessary to correct the condition.

SECTION 13.03 – COORDINATED COMPOSITE DRAWINGS

The Contractor shall prepare coordinated composite scale reproducible drawings and sections, on reproducible paper, clearly showing how the Work of the Contractor is to be performed in relation to work of other contractors or subcontractors.

ARTICLE 14 -- PROTECTION OF RIGHTS, PERSONS AND PROPERTY

SECTION 14.01 – ACCIDENT PREVENTION

The Contractor shall, at all times, take every precaution against injuries to persons or damage to property and for the safety of persons on or about the Site or engaged in the performance of the Work.

SECTION 14.02 – SAFETY PROGRAMS

The Contractor shall be responsible for the initiation, maintenance and supervision of safety precautions and programs in connection with the Work.

SECTION 14.03 – PROTECTION OF WORK AND PROPERTY

- A. The Contractor shall, at all times, guard the Owner's property from injury or loss in connection with the Work. The Contractor shall, at all times, guard and protect the Contractor's Work, and adjacent property. The Contractor shall replace or make good any said loss or injury unless said loss or injury is caused directly by the Owner.
- B. The Contractor shall have full responsibility to protect and maintain all materials and supplies on and off site in proper condition and forthwith repair, replace and make good any damage thereto until construction completion. The Contractor shall maintain an inventory of all materials and supplies for the Project that are delivered to the Site or approved for off-site storage facilities.
- C. The Contractor shall report any loss, theft, burglary, vandalism or damage of materials or installed work to the Owner by phone and fax as soon as it is discovered. If vandalism, theft, or burglary are suspected as the cause of the loss, the Contractor shall notify site security personnel and the municipal police. The Contractor shall also protect the place of the loss until released from protection by the Owner or the Owner's Representative. The Contractor shall insure that no potential evidence relating to the loss is removed from the place of the loss.

SECTION 14.04 – ADJOINING PROPERTY

The Contractor shall protect all adjoining property and shall repair or replace any said property damaged or destroyed during the progress of the Work.

SECTION 14.05 – RISKS ASSUMED BY THE CONTRACTOR

- A. The Contractor solely assumes the following distinct and several risks whether said risks arise from acts or omissions, whether supervisory or otherwise, of the Owner, of any Subcontractor, of third persons or from any other cause, including unforeseen obstacles and difficulties which may be encountered in the execution of the Work, whether said risks are within or beyond the control of the Contractor and whether said risks involve any legal duty, primary or otherwise, imposed upon the Owner, excepting only risks which arise from faulty designs as shown by the plans and specifications or from the negligence of the Owner or the Owner's members, officers, representatives or employees that caused the loss, damage or injuries hereinafter set forth:
1. The risk of loss or damage, includes direct or indirect damage or loss, of whatever nature to the Work or to any plant, equipment, tools, materials or property furnished, used, installed or received by the Owner, the Construction Manager, the Contractor or any Subcontractor, material or workmen performing services or furnishing materials for the Work. The Contractor shall bear said risk of loss or damage until construction completion or until completion or removal of said plant, equipment, tools, materials or property from the Site and the vicinity thereof, whichever event occurs last. In the event of said loss or damage, the Contractor immediately shall repair, replace or make good any said loss or damage.
 2. The risk of claims, just or unjust, by third persons against the Contractor or the Owner and the Construction Manager on account of wrongful death, bodily injuries and property damage, direct or consequential, loss or damage of any kind whatsoever arising or alleged to arise out of or as a result of or in connection with the performance by the Contractor of the Work, whether actually caused by or resulting from the performance of the Work, or out of or in connection with the Contractor's operations or presence at or in the vicinity of the Site. The Contractor shall bear the risk for all deaths, injuries, damages or losses sustained or alleged to have been sustained prior to the construction completion of the Work. The Contractor shall bear the risk for all deaths, injuries, damages or losses sustained or alleged to have been sustained resulting from the Contractor's negligence or alleged negligence which is discovered, appears or is manifested after acceptance by the Owner.

3. The Contractor assumes entire responsibility and liability for any and all damage or injury of any kind or nature whatsoever, including death resulting therefrom, to all persons, whether employees of the Contractor or otherwise, and to all property, caused by, resulting from, arising out of or occurring in connection with the execution of the Work. If any person shall make said claim for any damage or injury, including death resulting therefrom, or any alleged breach of any statutory duty or obligation on the part of the Owner, the Owner's Representative, Construction Manager, servants and employees, the Contractor shall assume the defense and pay on behalf of the Owner, the Owner's Representative, the Construction Manager, servants and employees, any and all loss, expense, damage or injury that the Owner, the Owner's Representative, Construction Manager, servants and employees, may sustain as the result of any claim, provided however, the Contractor shall not be obligated to indemnify the Owner, the Owner's Representative, Construction Manager, servants and employees for their own negligence, if any. The Contractor agrees to assume, and pay on behalf of the Owner and the Owner's Representative, Construction Manager, servants and employees, the defense of any action at law or equity which may be brought against the Owner and the Owner's Representative, Construction Manager, servants and employees. The assumption of defense and liability by the Contractor includes, but is not limited to the amount of any legal fees associated with defending, all costs of investigation, expert evaluation and any other costs including any judgment or interest or penalty that may be entered against the Owner and the Owner's Representative, Construction Manager, servants and employees, in any said action.
 4. The Contractor is advised that the Work required under this Contract may impose certain obligations and requirements mandated by the U.S. Department of Labor Occupational Safety and Health Administration regulations, Title 29 CFR Part 1926.62 Lead Exposure in Construction, relative to the potential exposure to lead by its employees. The Contractor assumes entire responsibility and liability for complying fully in all respects with these regulations.
- B. The Contractor's obligations under this Article shall not be deemed waived, limited or discharged by the enumeration or procurement of any insurance for liability for damages. The Contractor shall notify its insurance carrier within twenty four (24) hours after receiving a notice of loss or damage or claim from the Owner.

The Contractor shall make a claim on its insurer specifically under the provisions of the contractual liability coverages and any other coverages afforded the Owner including those of being an additional insured where applicable.

- C. Neither Final Acceptance of the Work nor making any payment shall release the Contractor from the Contractor's obligations under this Article. The enumeration elsewhere in the Contract of particular risks assumed by the Contractor or of particular claims for which the Contractor is responsible shall not be deemed to limit the effect of the provisions of this Article or to imply that the Contractor assumes or is responsible for only risks or claims of the type enumerated; and neither the enumeration in this Article nor the enumeration elsewhere in the Contract of particular risks assumed by the Contractor or of particular claims for which the Contractor is responsible shall be deemed to limit the risks which the Contractor would assume or the claims for which the Contractor would be responsible in the absence of said enumerations.

Upon the conclusion of any action, proceeding or lawsuit, should a final binding determination of responsibility be made which allocates responsibility to the Owner, or the Owner's members, officers, employees or representatives, the Owner agrees that the obligation to indemnify and hold harmless shall not be applicable to the portion of any uninsured money judgment for which the Owner is responsible, and the Owner agrees to pay the Contractor the percentage of uninsured defense costs which the Contractor incurred based upon an apportionment of the Owner's allocated responsibility.

The Contractor agrees that any claim or costs of the Owner and/or Construction Manager arising from obligations in this Article and/or Article 15 shall be set off or deducted from payments due the Contractor.

ARTICLE 15--INSURANCE AND CONTRACT SECURITY

SECTION 15.01 – INSURANCE PROVIDED BY CONTRACTOR

- A. The Contractor shall procure and maintain all of the insurance required under this Article until all Work, including punch list items, is complete.

The Contractor shall provide insurance as follows:

1. Workers' Compensation and Employers Liability Insurance
 - a. Statutory Workers' Compensation (including occupational disease)

- b. Employers Liability (with a minimum limit of \$1,000,000) New York Statutory Endorsement
2. Commercial General Liability (CGL) with a combined single limit for Bodily Injury, Personal Injury and Property Damage of at least \$2,000,000 per occurrence & aggregate. The limit may be provided through a combination of primary and umbrella/excess liability policies.

Coverage shall provide and encompass the following:

- a. Written on an occurrence form;
 - b. Endorsement naming the following as additional insureds: The Fashion Institute of Technology, its auxiliary corporations, the State University of New York, the New York City Department of Education and the City and State of New York, the Construction Manager (if applicable) and other entities specified.
 - c. Policy or policies must be endorsed to be primary as respects the coverage afforded the Additional Insureds and such policy shall be primary to any other insurance maintained by the Owner. Any other insurance maintained by the Owner shall be excess of and shall not contribute with the Contractor's or Subcontractor's insurance, regardless of the "other insurance" clause contained in the Owner's own policy of insurance.
3. Commercial Automobile Liability and Property Damage Insurance covering all owned, leased, hired and non-owned vehicles used in connection with the Work with a combined single limit for Bodily Injury and Property Damage of at least \$1,000,000 per occurrence. The limit may be provided through a combination of primary and umbrella/excess liability policies.
4. Umbrella/excess liability insurance with limits of:
- \$5,000,000 per occurrence
 - \$5,000,000 general aggregate

- B. Before commencement of Work, the Contractor shall submit to the Owner for approval two (2) Certificates of Insurance, indicating the Project. Certificates shall provide thirty (30) days' written notice prior to the cancellation, non-renewal, or material modification of any policy. Upon request, the Contractor shall furnish the Owner and the Construction Manager with certified copies of each policy. In addition, where applicable, the Contractor shall provide copies of Certificates of Insurance to the Construction Manager.

Certificates shall be forwarded to Owner in care of: Purchasing

Sammy Li
Purchasing Deputy Director
FIT Purchasing
333 Seventh Avenue, 15th Floor
New York, NY 10001

Certificate(s) of Insurance, when submitted to the Owner, constitutes a warranty by the Contractor that the insurance coverage described is in effect for the policy term shown.

Should the Contractor engage a Subcontractor, the same conditions as are applicable to the Contractor under these insurance requirements shall apply to each Subcontractor of every tier. Proof thereof shall be supplied to the Owner at the address listed above.

- C. All insurance required to be procured and maintained must be procured from insurance companies licensed to do business in the State of New York and rated at least B+ by A.M. Best and Company, or meet such other requirements as are acceptable to the Owner.
- D. Should the Contractor fail to provide or maintain any insurance required by this Contract, the Owner may, after providing written notice to the Contractor, purchase insurance complying with the requirements of this Article and charge back such purchase to the Contractor.
- E. At any time that the coverage provisions and limits on the policies required herein do not meet the provisions and limits set forth above, the Contractor shall immediately cease Work on the Project. The Contractor shall not resume Work on the Project until authorized to do so by the Owner. Any delay or time lost as a result of the Contractor not having insurance required by this Article shall not give rise to a delay claim or any other claim against the Owner or the Client.
- F. Notwithstanding any other provision in this Article, the Owner may require the Contractor to provide, at the expense of the Owner, any other form or limit of insurance necessary to secure the interests of the Owner.
- G. The Contractor shall secure, pay for, and maintain Property Insurance necessary for protection against the loss of owned, borrowed or rented capital equipment and tools, including any tools owned by employees, and any tools or equipment, staging towers, and forms owned, borrowed or rented by the Contractor. The requirement to secure and maintain such insurance is solely for the benefit of the Contractor. Failure of the Contractor to secure such insurance or to maintain adequate levels of coverage shall not render the Additional Insureds or their

agents and employees responsible for any losses; and the Additional Insureds, their agents and employees shall have no such liability.

- H. Neither the procurement nor the maintenance of any type of insurance by the Owner, the Contractor or the Construction Manager shall in any way be construed or deemed to limit, discharge, waive or release the Contractor from any of the obligations or risks accepted by the Contractor or to be a limitation on the nature or extent of said obligations and risks.

SECTION 15.01A – OTHER INSURANCE PROVIDED BY CONTRACTOR

Railroad Protective Liability insurance: If any Work of the Contract is to be performed on or within fifty (50) feet of a railroad property or railroad right of way or will require entrance upon railroad property or right of way or will require assignment of a railroad employee, the Contractor shall provide and maintain a Railroad Protective Liability policy with the policy limits required by the owner(s) of the railroad, including the MTA. For purposes of this paragraph, a subway is a railroad. The policy form shall be ISO-RIMA or an equivalent form approved by the owner(s) of the railroad. The railroad owner(s) shall be the named insured on the policy and the definition of “physical damage to property” shall mean direct and accidental loss of or damage to all property of any named insured and all property in any named insured’s care, custody, or control. If the Contractor shall provide a Railroad Protective Liability insurance policy, the Contractor and any Subcontractor performing on or within fifty (50) feet of railroad property or railroad right of way or entering railroad property or right of way or requiring assignment of a railroad employee shall have their CGL insurance policy endorsed to delete the exclusion of coverage for Work within fifty (50) feet of railroad property.

SECTION 15.02 – GENERAL CONFORMANCE

The Contractor and Subcontractors shall not violate, or be permitted to violate, any term or condition of their insurance policies, and shall at all times satisfy the safety requirements of the Owner and of the insurance companies issuing such policies.

SECTION 15.03 – CONTRACT SECURITY

The Contractor shall furnish a surety bond in an amount at least equal to one hundred (100%) of the Contract price as security for the faithful performance of the Contract and also labor and material bond in the form set forth in the Contract in an amount at least equal to one hundred (100%) of the Contract price for the payment of all persons performing labor or providing materials in connection with the Work. The surety on said bond shall be a surety company authorized to do business in the State of New York and shall be rated at least B+ by A.M. Best and Company, or meet such other requirements as are acceptable to the Owner.

SECTION 15.04 – ADDITIONAL OR SUBSTITUTE BOND

If at any time the Owner shall become dissatisfied with any surety or sureties upon the performance bond, or the labor and material payment bond, or if for any other reason said bonds shall cease to be adequate security to the Owner, the Contractor shall, within five (5) days after notice from the Owner to do so, substitute an acceptable bond or bonds in such form and sum and signed by such other surety or sureties as may be satisfactory to the Owner. The premiums on said bond or bonds shall be paid by the Contractor. No further payments shall be deemed due nor shall be made until the new surety or sureties shall have furnished an acceptable bond or bonds to the Owner.

SECTION 15.05 – FAILURE TO COMPLY WITH PROVISIONS OF ARTICLE 15

The Contract may, at the sole option of the Owner, be declared void and of no effect if the Contractor fails to comply with the provisions of Article 15.

ARTICLE 16 -- USE OR OCCUPANCY PRIOR TO ACCEPTANCE BY OWNER

SECTION 16.01 – OCCUPANCY PRIOR TO ACCEPTANCE

NOT APPLICABLE

ARTICLE 17 -- PAYMENT

SECTION 17.01 – PROVISION FOR PAYMENT

- A. The Owner may make a partial payment to the Contractor on the basis of an approved estimate of the Work performed during each preceding business month. The Owner shall retain ten percent (10%) of the amount of each said estimate.

The Contractor shall submit a detailed Contract Payment Breakdown prior to the Contractor's first application for payment. The model contract payment breakdown included in the Contract Documents shall establish the minimum level of detail required for the Contractor's payment breakdown. It is understood and the Contractor acknowledges that this model is included as an administrative tool for

the purpose of illustrating a format and minimum level of detail required for the Contract Payment Breakdown and shall not be considered as delineating the Contractor's Scope of Work. The Owner may request further and more detailed Contract Payment Breakdown. Further, the Owner reserves the right to accept only those cost distributions which, in the Owner's opinion, are reasonable, equitably balanced and correspond to the estimated quantities in the Contract Documents.

No payment shall be made by the Owner until the Contract Payment Breakdown is approved by the Owner.

Each monthly partial payment requisition must include Affirmative Action Form AAP 7.0, Contractor's Compliance Report, properly executed, as a condition precedent to requisition payment by the Owner.

- B. In preparing estimates for partial payment, material delivered to the Site and properly stored and secured at the Site, and Material approved to be stored off-site under such conditions as the Owner shall prescribe may be taken into consideration. All costs related to the storage of materials are the sole responsibility of the Contractor.

The Owner will provide an Agreement for Materials Stored Off-Site and specific forms which the Contractor must complete and submit with any request for approval of partial payment for such material. Required information includes but is not limited to: a general description of the material; a detailed list of the materials; a pre-approved storage area; segregation and identification of the material; insurance covering full value against all risks of loss or damage, with non-cancellation provision; immediate replacement agreement in event of loss or damage; agreement to pay the expense of all inspections of the material; ownership provisions; delivery guarantee; project completion statement; bill of sale, releases, and inventory.

- C. Any partial payment made shall not be construed as a waiver of the right of the Owner to require the fulfillment of all the terms of the Contract.
- D. After the Owner has determined Substantial Completion of the Work, the Contractor shall submit to the Owner, for the Owner's approval, a detailed estimate of the value of the known remaining items of Work as set forth by the Owner and a schedule of completion for said items of Work. The Owner shall review that estimate and make the final determination.

The Owner, when all the Work is substantially complete, shall pay to the Contractor the balance due the Contractor pursuant to the Contract, less:

1. two (2) times the value of any remaining items of Work to be completed or corrected; and
2. an amount necessary to satisfy any and all claims, liens or judgments against the Contractor.

As the remaining items of Work are completed and accepted by the Owner, the

Owner shall pay the appropriate amount pursuant to the duly completed and submitted monthly requisitions.

The list of remaining Work items may be expanded to include additional items of corrective or completion Work until final acceptance as certified by the Owner's execution of "Notification of Construction Completion". Appropriate payments may be withheld to cover the value of these items pursuant to this Section.

- E. All Monthly Requisitions submitted by the Contractor shall be on AIA documents G702 and G703. The Contractor shall furnish such affidavits, vouchers and receipts as to delivery and payment for materials as required by the Owner to substantiate each and every payment requested. The Contractor and its Subcontractors will submit with all applications for payment copies of the certified payrolls and certification of payment of wage supplements in a form satisfactory to the Owner. The submission of Contractor and Subcontractor certified payrolls is required at least monthly. No progress payments will be processed without submission by the Contractor of properly executed Affidavit of Payment and Release of Liens (AIA Documents G706 and G706A).”

Section 17.02 - Acceptance of the First Payment Pursuant to Section 17.01 D. of the Contract Constitutes Release

The acceptance by the Contractor of the first payment pursuant to Section 17.01 D. shall be and shall operate as a release to the Owner of all claims by and all liability to the Contractor for all things in connection with the Work and for every act and neglect of the Owner and others relating to or arising out of the Work. No payment, final or otherwise, shall operate to release the Contractor or the Contractor's sureties from any obligations under this Contract or the performance or labor and material payment bonds.

SECTION 17.03 – RELEASE AND CONSENT OF SURETY

Notwithstanding any other provision of the Contract Documents to the contrary, the first payment pursuant to Section 17.01 D. shall not become due until the Contractor submits to the Owner a General Release and a Consent of Surety to said payment pursuant to Section 17.01 D., both in form and content acceptable to the Owner.

SECTION 17.04 - LIENS

Upon the Owner's receipt of a lien, a sum which shall be one and one-half (1 1/2) times the amount stated to be due in the notice of lien shall be deducted from the current payment due the Contractor. This sum shall be withheld until the lien is discharged.

SECTION 17.05 – WITHHOLDING OF PAYMENTS

- A. The Owner may withhold from the Contractor any part of any payment as may, in the judgment of the Owner, be necessary:
 - 1. to assure payment of just claims of any persons supplying labor or materials for the Work;
 - 2. to protect the Owner from loss due to defective Work not remedied; or
 - 3. to protect the Owner, Construction Manager or Consultant from loss due to failure to defend, loss due to injury to persons or damage to the Work or property of other contractors, Subcontractors or others caused by the act or neglect of the Contractor or Subcontractors.
 - 4. to assure payment of fines and penalties which may be imposed on the Contractor pursuant to the provisions of this Contract.
- B. The Owner shall have the right to apply any such amounts so withheld, in such manner as the Owner may deem proper to satisfy said claims, fines and penalties or to secure said protection. Said application of the money shall be deemed payments for the account of the Contractor.
- C. The provisions of this Article 17 are solely for the benefit of the Owner, and any action or non-action hereunder by the Owner shall not give rise to any liability on the part of the Owner.

SECTION 17.06 – OWNER’S RIGHT TO AUDIT AND INSPECTION OF RECORDS

The Contractor shall maintain and keep, for a period of at least six (6) years after the date of final payment, all records and other data relating to the Work, including records of Subcontractors and material suppliers. The Owner or the Owner's Representative shall have the right to inspect and audit all records and other data of the Contractor, Subcontractors and material suppliers relating to the Work.

SECTION 17.07 – FALSE STATEMENTS/INFORMATION

- A. False statements, information or data submitted on or with applications for payment may result in one or more of the following actions:
 - 1. Termination of the Contract for cause;
 - 2. Disapproval of future bids or contracts and sub-contracts;
 - 3. Withholding of final payment on the Contract; and
 - 4. Civil and/or criminal prosecution.

- B. These provisions are solely for the benefit of the Owner, and any action or non-action hereunder by the Owner shall not give rise to any liability on the part of the Owner.

ARTICLE 18 -- TAX EXEMPTION

SECTION 18.01 – TAX EXEMPTION

- A. The Owner is exempt from payment of Federal, State, local taxes and sales and compensating use taxes of the State of New York and of cities and counties on all materials and supplies incorporated into the completed Work. These taxes are not to be included in bids. This exception does not apply to tools, machinery, equipment or other property leased by or to the Contractor or a Subcontractor, or to supplies and materials which, even though they are consumed, are not incorporated into the completed Work, and the Contractor and Subcontractors shall be responsible for and pay any and all applicable taxes, including sales and compensating use taxes, on said leased tools, machinery, equipment or other property and upon all said unincorporated supplies and materials.
- B. The Contractor and Subcontractors shall obtain any and all necessary certificates or other documentation from the appropriate governmental agency or agencies, and use said certificates or other documentation as required by law, rule or regulation.

ARTICLE 19 -- GUARANTEE

SECTION 19.01 - GUARANTEE

The Contractor shall in all respects guarantee the Work to the Owner and be responsible for all material, equipment and workmanship of the Work. The Contractor shall forthwith repair, replace or remedy in a manner approved by the Owner, any said material, equipment, workmanship, or other part of the Work found by the Owner to be defective or otherwise faulty and not acceptable to the Owner, which defect or fault appears during the minimum period of one (1) year, or such longer period as may be prescribed by the Contract, from the date of Construction Completion or any part thereof, by the Owner. The Contractor shall also pay for any damage to the Work resulting from said defect or fault.

ARTICLE 20 -- STANDARD PROVISIONS

SECTION 20.01 – PROVISIONS REQUIRED BY LAW DEEMED INSERTED

Each and every provision of law and clause required by law to be inserted in the Contract shall be deemed to be inserted therein and the Contract shall read and shall be enforced as though so included therein.

SECTION 20.02 – COMPLIANCE WITH LAWS, RULES AND REGULATIONS

The Contractor shall comply fully with all applicable laws, rules and regulations.

SECTION 20.03 – LAW GOVERNING THE CONTRACT

The Contract shall be governed by the laws of the state of New York.

SECTION 20.04 - ASSIGNMENT

The Contractor shall not assign the Contract in whole or in part without prior written consent of the Owner. If the Contractor assigns all or part of any moneys due or to become due under the Contract, the instrument of assignment shall contain a clause substantially to the effect that the Contractor and assignee agree that the assignee's right in and to any moneys due or to become due to the Contractor shall be subject to all prior claims for services rendered or materials supplied in connection with the performance of the Work.

SECTION 20.05 – NO THIRD PARTY RIGHTS

Nothing in the Contract shall create or shall give to third parties any claim or right of action against the Owner, the Fashion Institute of Technology, the State University of New York, Board of Education of the City of New York, the City or State of New York and the Construction Manager beyond such as may legally exist irrespective of the Contract.

SECTION 20.06 – CONTRACT DEEMED EXECUTORY

The Contractor agrees that the Contract shall be deemed executory to the extent of moneys available and that no liability shall be incurred by the Owner beyond the moneys available therefore.

SECTION 20.07 – ANTI-RIOT PROVISIONS

- A. The Contractor agrees that no part of the Contract funds shall be used to make payments, give assistance, or supply services, in any form, to any individual convicted in any Federal, State or local court of competent jurisdiction for inciting, promoting, or carrying on a riot or engaging in any group activity resulting in material damage to property or injury to persons found to be in violation of Federal, State or local laws designed to protect persons or property.
- B. The Contractor and each Subcontractor shall notify their employees of all rules and

regulations adopted pursuant to Article 129-A of the Education Law of the State of New York. Notices containing the text of the aforementioned rules and regulations shall be posted by the Contractor at the Site.

SECTION 20.08 – DOMESTIC STEEL

The Contractor agrees, that if the value of this contract exceeds \$100,000 all structural steel, reinforcing steel and other major steel items to be incorporated in the Work of this Contract shall be produced and made in whole or substantial part in the United States, its territories or possessions.

SECTION 20.09 – PROTECTION OF LIVES AND HEALTH

- A. Each Contractor and Subcontractor shall comply with all applicable provisions of the laws of the State of New York, the United States of America and with all applicable rules and regulations adopted or promulgated by agencies or municipalities of the State of New York or the United States of America. The Contractor's and Subcontractor's attention is specifically called to the applicable rules and regulations, codes and bulletins of the New York State Department of Labor and to the standards imposed under the Federal Occupational Safety and Health Act of 1970, as amended.
- B. The Contractor shall maintain an accurate record of all cases of death, occupational disease, and injury requiring medical attention or causing loss of time from work, arising out of and in the course of employment of Work under the Contract, and shall immediately notify the Owner in writing of any injury which results in hospitalization or death. The Contractor shall provide to the Owner a copy of Form C-2, Employers Report of Injury/Illness within twenty- four (24) hours of any job related injury on the Owner's job site. Further, a copy of the OSHA Log of Injury and Illness shall also be provided to the Owner for any reporting period in which a job related injury or illness is recorded. The Contractor shall also provide a list of witnesses to the Owner. The list shall include at least the full name, home address, occupation and telephone number of each person who saw or has knowledge of the incident which caused the injury or illness.
- C. The Contractor alone shall be responsible for the safety, efficiency and adequacy of the Contractor's Work, plant, appliances and methods, and for any damage which may result from the failure or the improper construction, maintenance or operation of such Work, plant, appliances and methods.
- D. If, in the performance of the Work, a harmful hazard is created for which appliances or methods of elimination have been approved by regulatory authorities, the Contractor shall install, maintain and operate said appliances or methods.
- E. The Owner may impose a payment penalty on the Contractor for any act of non-compliance with this section. The payment penalty shall not exceed one twentieth

(1/20) of the Contract price or a maximum of One Thousand Dollars (\$1,000.00) for each time the Contractor fails to perform or to provide the information, reports or forms required in this section. This payment penalty is not exclusive, the Owner may avail itself of any other contractual remedy available.

- F. The Owner, Owner's Representative, or Architect may inspect the Site at any time without notice to the Contractor. If the Owner or its representatives find that the Contractor is not complying with Section 20.10 A or any other provision of Section 20.10, the Owner may send written notice to the Contractor to correct any deficiency. Upon re-inspection, if the Owner finds the deficiencies have not been corrected, or in instances where a safety violation (s) must be corrected before Work continues and the Contractor is given three (3) hours to make correction (s) and they are not made, the Owner may let a separate contract to correct any deficiencies and back charge the cost of the separate contract to the Contractor at a premium rate. The Contractor cannot pass these additional charges on to the Owner. No action taken under this section shall be deemed as a basis for any delay claim or any other claim against the Owner by the Contractor.

- G. The Contractor shall preserve and safeguard the scene of an accident involving a ladder, scaffold, mobile machinery, equipment, safety railing or uncovered floor opening or any other incident where the injured person required emergency medical treatment. The Contractor shall "tape off" the area, and not allow any material object or property to be altered, changed, moved or removed from the accident site. In addition to "taping off" the accident site, the Contractor shall telephone and send a facsimile or email to Owner immediately, and post a person at the accident site to protect it. Safeguarding and protecting the accident site shall only be abandoned by the Contractor upon release by the Owner or the Owner's Representative. Failure of the Contractor to comply with the provisions of this paragraph shall be deemed a breach of this Contract. In addition to any other contractual remedies available, the Owner may satisfy the breach by imposing the penalties set out in paragraph 20.10 E or void the entire Contract and retain any or all amounts due the Contractor under this Contract.

SECTION 20.10 – PROHIBITED INTERESTS / ETHICAL CONDUCT

- A. No officer, employee, architect, attorney, engineer, inspector or consultant of or for the Owner authorized on behalf of the Owner to exercise any legislative, executive, administrative, supervisory or other similar functions in connection with the Contract or the Work, shall become personally interested, directly or indirectly, in the Contract, material supply contract, subcontract, insurance contract, or any other contract pertaining to the Work.
- B. The Owner strongly discourages the Contractor from offering or giving anything of value to employees of the Owner under circumstances which may constitute, or even suggest, impropriety. Contractor, or its agents, shall not directly or indirectly offer or give any gift whether in the form of money, service, loan, travel, lodging, meals, refreshments, entertainment, discount, forbearance or promise, or in any other form, to an employee or any representatives of the Owner.
- C. To promote a working relationship with the Owner based on ethical business practices, the Contractor shall:
- furnish all goods, materials and services to the Owner as contractually required and specified,
 - submit complete and accurate reports to the Owner and its representatives as required,
 - not seek, solicit, demand or accept any information, verbal or written, from the Owner or its representatives that provides an unfair advantage over a competitor,
 - not engage in any activity or course of conduct that restricts open and fair competition on Owner-related projects and transactions,
 - not engage in any course of conduct with Owner employees or its representatives that constitutes a conflict of interest, in fact or in appearance, and
 - not offer or give any unlawful gifts or gratuities, or engage in bribery or other criminal activity.
- D. The Owner encourages the Contractor to advance and support ethical business conduct and practices among its directors, officers and employees, through the adoption of corporate ethics awareness training programs and written codes of conduct.
- E. Although the Contractor may employ relatives of Owner's employees, the Owner must be made aware of such circumstances as soon as possible, in writing, to ensure a conflict of interest situation does not arise. The Owner reserves the right to request that the Contractor modify the work assignment of a relative of an Owner's

employee or representative where a conflict of interest, or the appearance thereof, is deemed to exist.

- F. The Contractor may hire former employees of the Owner. However, as a general rule, former employees of the Owner may neither appear nor practice before the Owner, nor receive compensation for services rendered on a matter before the Owner, for a period of *two (2) years* following their separation from service with the Owner. In addition, former employees of the Owner are subject to a “*lifetime bar*” from appearing before the Owner or receiving compensation for services regarding any transaction in which they personally participated or which was under their active consideration during their tenure with the Owner.
- G. The Contractor agrees to notify Stephen Tuttle, Esq., the Owner’s attorney, at (212) 217-4030 of any activity by an employee of the Owner that is inconsistent with the contents of this Section.
- H. Any violation of these provisions shall justify termination of this Contract and may result in Owner’s rejection of the Contractor’s bids or proposals for future contracts.

SECTION 20.11 – STATE AND FEDERAL LABOR LAW PROVISIONS

- A. Although the Work of this Contract is not public work, the Owner intends that all applicable provisions of the Labor Law of the State of New York shall be carried out in the performance of the Work.
- B. The Contractor specifically agrees to comply with Labor Law, Sections 220 and 220-d as amended, that:
 - 1. no laborer, workman or mechanic, in the employ of the Contractor, Subcontractor or other person doing or contracting to do the whole or any part of the Work contemplated by the Contract shall be permitted or required to work more than eight (8) hours in any one (1) calendar day and more than five (5) days in any one week, except in the extraordinary emergencies set forth in the Labor Law;
 - 2. the wages paid for a legal day's work shall be not less than the prevailing rate of wages as defined by law;
 - 3. the minimum hourly rate of wage to be paid and supplement provided shall be not less than that stated in the Contract and as shall be designated by the Industrial Commissioner of the State of New York; and
 - 4. the Contractor and every Subcontractor shall post in a prominent and accessible place on the Site, a legible statement of all minimum wage rates and supplements to be paid or provided for the various classes of laborers and mechanics to be engaged in the Work and all deductions, if any,

required by law to be made from unpaid wages actually earned by the laborers and mechanics so engaged.

- C. The minimum wage rates, if any, herein specified for apprentices shall apply only to persons working with the tools of the trade which such persons are learning under the direct supervision of journeyman mechanics. Except as otherwise required by law, the number of apprentices in each trade or occupation employed by the Contractor or any Subcontractor shall not exceed the number permitted by the applicable standards of the New York State Department of Labor, or, in the absence of such standards, the number permitted under the usual practice prevailing between the unions and the employers' association of the respective trades or occupations.
- D. All employees of the Contractor and each Subcontractor shall be paid in accordance with the provisions of the Labor Law. Certified payroll copies shall be provided to the Owner as specified in these General Conditions and otherwise upon request.
- E. The Contractor agrees that, in case of underpayment of wages to any worker engaged in the Work by the Contractor or any Subcontractor, the Owner shall withhold from the Contractor out of payments due an amount sufficient to pay such worker the difference between the wages required to be paid under the Contract and the wages actually paid such worker for the total number of hours worked, and that the Owner may disburse such amount so withheld by the Owner for and on account of the Contractor to the employee to whom such amount is due. The Contractor further agrees that the amount to be withheld pursuant to this paragraph may be in addition to the percentages to be retained by the Owner pursuant to other provisions of the Contract.
- F. Pursuant to subdivision 3 of section 220 and section 220-d of the Labor Law the Contract shall be forfeited and no sum paid for any Work done thereunder upon a Contractor's or Subcontractor's second conviction for willfully paying or providing less than:
 - 1. the stipulated wage scale or supplement as established by the fiscal officer, or
 - 2. less than the stipulated minimum hourly wage scale as designated by the Industrial Commissioner.
- G. Pursuant Labor Law, Section 220-e, the Contractor specifically agrees:
 - 1. That in the hiring of employees for the performance of Work under the Contract or any subcontract hereunder, or for the manufacture, sale or distribution of materials, equipment or supplies hereunder, but limited to operation performed within the territorial limits of the State of New York, no Contractor, Subcontractor, nor any person acting on behalf of such Contractor or Subcontractor, shall by reason of race, creed, color, disability, sex or national origin discriminate against any citizen of the State of New York who is qualified and available to perform the Work to which the employment relates;

2. That no Contractor, Subcontractor, nor any person on behalf of such Contractor or Subcontractor shall, in any manner, discriminate against or intimidate any employee hired for the performance of work under the Contract on account of race, creed, color, disability, sex or national origin;
3. That there may be deducted from the amount payable to the Contractor, by the Owner under the Contract, a penalty of fifty dollars (\$50.00) for each person for each calendar day during which such person was discriminated against or intimidated in violation of the terms of the Contract; and
4. That the Contract may be canceled or terminated by the Owner and all moneys due or to become due hereunder may be forfeited for a second or any subsequent violation of the terms or conditions of this section of the Contract, or when one final determination involves the falsification of payroll records or the kickback of wages and/or supplements.

H. The Contractor specifically agrees:

1. That the Contractor shall certify its payrolls and keep these certified records on site and available, and provide copies to the Owner upon request.
2. That the Contractor shall provide each worker with a written notice informing the worker of the prevailing wage requirements for the job. The notice shall contain a simple statement or declaration for the worker's

SECTION 20.12 - NONDISCRIMINATION

During the performance of the Work, the Contractor agrees as follows:

- A. The Contractor will not discriminate against any employee or applicant for employment because of race, religion/creed, color, sex, sexual orientation, gender, gender identity/expression, national origin, age, disability, marital status, or any other protected category.
- B. If directed to do so by the Commissioner of Human Rights, the Contractor will send to each labor union or representative of workers with which the Contractor has or is bound by a collective bargaining or other agreement or understanding, a notice, to be provided by the State Commissioner of Human Rights, advising such labor union or representative of the Contractor's agreement under clauses A through G (hereinafter called "non-discrimination clauses"). If the Contractor was directed to do so by the Owner as part of the bid or negotiation of this Contract, the Contractor shall request such labor union or representative to furnish a written statement that such labor union or representative will not discriminate because of race, creed, color, sex, national origin, age, disability or marital status, and that such labor union or representative will cooperate, within the limits of its legal and contractual authority, in the implementation of the policy and provisions of these nondiscrimination clauses and that it consents and agrees that recruitment, employment and the terms and conditions of employment under this Contract shall be in accordance with the purposes and provisions of these nondiscrimination clauses. If such labor union or representative fails or refuses to comply with such a request that it furnish such a statement, the Contractor shall promptly notify the State Commissioner of Human Rights of such failure or refusal.
- C. If directed to do so by the Commissioner of Human Rights, the Contractor shall post and keep posted in conspicuous places, available to employees and applicants for employment, notices to be provided by the State Commissioner of Human Rights setting forth the substance of the provisions of clauses A and B and such provisions of the State's laws against discrimination as the State Commissioner of Human Rights shall determine.
- D. The Contractor shall state, in all solicitations or advertisement for employees placed by or on behalf of the Contractor, that all qualified applicants will be afforded equal employment opportunities without discrimination because of race, creed, color, sex, national origin, age, disability or marital status.
- E. The Contractor shall comply with the provisions of Section 290-299 of the Executive Law and with the Civil Rights Law, will furnish all information and reports deemed necessary by the State Commissioner of Human Rights under these nondiscriminatory clauses and such sections of the Executive Law, and will permit access to the Contractor's books, records and accounts by the State Commissioner for the purposes of investigation to ascertain compliance with these nondiscrimination clauses and such sections of the Executive Law and Civil Rights Law.

- F. This Contract may be forthwith canceled, terminated or suspended, in whole or in part, by the Owner upon the basis of a finding made by the State Commissioner of Human Rights that the Contractor has not complied with these nondiscrimination clauses, and the Contractor may be declared ineligible for future contracts made by or on behalf of the State or a public authority or agency of the State, until the Contractor satisfies the State Commissioner of Human Rights that the Contractor has established and is carrying out a program in conformity with the provisions of these nondiscrimination clauses. Such finding shall be made by the State Commissioner of Human Rights after conciliation efforts by the Commissioner have failed to achieve compliance with these nondiscrimination clauses and after a verified complaint has been filed with the Commissioner, notice thereof has been given to the Contractor and an opportunity has been afforded the Contractor to be heard publicly in accordance with the Executive Law. Such sanctions may be imposed and remedies invoked independently of or in addition to sanctions and remedies otherwise provided by law.
- G. The Contractor shall include the provisions of clauses A through F above in every subcontractor purchase order in such a manner that such provisions will be binding upon each Subcontractor or vendor as to operation to be performed within the State of New York. The Contractor shall take such action in enforcing such provisions of such Subcontract or purchase order as the State Commissioner of Human Rights or the Owner may direct, including sanctions or remedies for noncompliance. If the Contractor becomes involved in or is threatened with litigation with a Subcontractor or vendor as a result of such direction by the State Commissioner of Human Rights or the Owner, the Contractor shall promptly so notify the Attorney General, requesting the Attorney General to intervene and to protect the interests of the State of New York.

SECTION 20.13 – LIMITATION ON ACTIONS

No action or proceeding shall lie in favor of or shall be maintained by the Contractor against the Owner unless such action shall be commenced within six (6) months after receipt by the Owner of the Contractor's final requisition or, if the Contract is terminated by the Owner, unless such action is commenced within six (6) months after the date of such termination.

SECTION 20.14 – WAIVER OF REMEDIES

Inasmuch as the Contractor can be compensated adequately by money damages for any breach of the Contract which may be committed by the Owner, the Contractor agrees that no default, act or omission of the Owner shall constitute a material breach of Contract entitling the Contractor to cancel or rescind the same or to suspend or abandon performance thereof; and the Contractor hereby waives any and all rights and remedies to which the Contractor might otherwise be or become entitled to because of any wrongful act or omission of the Owner saving only the Contractor's right to money damages.

SECTION 20.15 – WAIVER OF CERTAIN CAUSES OF ACTION

No action or proceeding shall lie or shall be maintained by the Contractor, nor anyone claiming under or through the Contractor, against the Owner upon any claim arising out of or based upon the Contract, relating to the giving of notices or information.

SECTION 20.16 – CONTRACTOR RELATIONSHIP

The relationship created by the Contract between the Owner and the Contractor is one of an independent contractor and it is no way to be construed as creating an agency relationship between the Owner and the Contractor nor is it to be construed as, in any way or under any circumstances, creating or appointing the Contractor as an agent of the Owner for any purpose whatsoever.

SECTION 20.17 – FAILURE TO COMPLY WITH THIS ARTICLE

The Contract shall be void and of no effect unless the Contractor complies with the provisions of this Article 20.

SECTION 20.18 – YEAR 2000 WARRANTY

SECTION DELETED

SECTION 20.19 – FALSE RECORDS/KICKBACKS

The Contractor agrees that this Contract may be canceled or terminated for cause by the Owner and all moneys due or to become due hereunder may be forfeited upon the Owner's determination that the Contractor has submitted false records to the Owner and/or that the Contractor has participated in the kickback of wages. Said determination by the Owner must first allow the Contractor an opportunity to show why its Contract should not be canceled or terminated for cause for said actions.

ARTICLE 21- COOPERATION WITH INVESTIGATIONS

The Contractor agrees to cooperate fully and faithfully with any investigation, audit or inquiry conducted by the Owner or any other duly authorized representative of the Owner ("Representative").

The Contractor shall grant the Owner or the Representative the right to examine all books, records, files, accounts, computer records, documents and correspondence, including electronically-stored information, in the possession or control of the Contractor, its subsidiaries and affiliated companies and any other company directly or indirectly controlled by the Contractor, relating to the Contract. These shall include, but not be limited to: Subcontracts; bid files; payroll and personnel records; cancelled checks; correspondence; memoranda; reports; audits; vendor qualification records; original estimate files; change order/amendment estimate files; detailed worksheets; Subcontractor, consultant and supplier proposals for both successful and unsuccessful bids; back-charge logs; any records detailing cash, trade, or volume discounts earned; insurance proceeds, rebates or dividends received; payroll and personnel records; tax returns, and the supporting documentation for the aforesaid books and records.

At the Owner's or the Representative's request, said materials shall be provided in a computer readable format, where available. At the request of the Owner or the Representative, the Contractor shall execute such documents, if any, as are necessary to give the Owner or the Representative access to Contract-related books, documents or records which are, in whole or part, under control of the Contractor but not currently in the Contractor's physical possession. The Contractor shall not enter into any agreement with a Subcontractor, consultant or supplier, in connection with the Contract, that does not contain a right to audit clause in favor of the Owner. The Contractor shall assist the Owner or the Representative in obtaining access to past and present Subcontractor, consultant and supplier amendment/change order files (including detailed documentation covering negotiated settlements), accounts, computer records, documents, correspondence, and any other books and records in the possession of Subcontractors, consultants and suppliers pertaining to the Contract, and, if appropriate, enforce the right-to-audit provisions of such agreements.

The Contractor shall assist the Owner or the Representative in obtaining access to, interviews with, and information from all former and current persons employed and/or retained by the Contractor, for purposes of the Contract.

The Contractor shall require each Subcontractor to include in all agreements that the

Subcontractor may hereinafter enter into with any and all Subcontractors, consultants and suppliers, in connection with the Contract, a right-to-audit clause in favor of the Owner conferring rights and powers of the type outlined in this section. The Contractor shall not enter into any Subcontract with a Subcontractor in connection with the Contract that does not contain such a provision.

The Contractor shall not make any payments to a Subcontractor, consultant or supplier from whom the Contractor has failed to obtain and supply to the Owner or the Representative complete, accurate and truthful information in compliance with a request from the Owner or the Representative to the Contractor.

Any violation of the provisions of this Article shall justify termination of this Contract and may result in the Owner's rejection of the Contractor's bids or proposals for future contracts.

SECTION VI.

LABOR & MATERIAL PAYMENT BOND

LABOR & MATERIAL PAYMENT BOND

KNOW ALL BY THESE PRESENTS:

That _____
(Here insert the name and address or legal title of the Contractor)

as Principal, hereinafter called Principal, and _____

(Here insert the legal title of Surety)

(Address)

as Surety, hereinafter called Surety, are held and firmly bound unto The Fashion Institute of Technology, as applicable, as Obligee, hereinafter called Owner, for the use and benefit of the claimants as hereinbelow defined, in the amount of _____

_____ and /100 Dollars (\$_____)

WHEREAS, Principal has by written agreement dated _____

entered into a Contract with Owner for _____

in accordance with the Contract Documents and any changes thereto, which are made a part hereof, and are hereinafter referred to as the Contract.

NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION is such that if the Principal shall promptly make payment to all claimants as hereinafter defined, for all labor and material used or reasonably required for use in the performance of the Contract, then this obligation shall be void; otherwise such obligation shall remain in full force and effect, subject, however, to the following conditions:

1. A claimant is defined as one having a direct Contract with the Principal or with a Subcontractor of the Principal for labor, material, or both, used or reasonably required for use in the performance of the Contract, labor and material being construed to include that part of water, gas, power, light, heat, oil, gasoline, telephone service or rental of equipment directly applicable to the Contract.
2. The above named Principal and Surety hereby jointly and severally agree with the Owner that every claimant as herein defined, who has not been paid in full

before the expiration of a period of ninety (90) days after the date on which the last of such claimant's work or labor was done or performed, or materials were furnished by such claimant, may sue on this bond for the use of such claimant, prosecute the suit to final judgment for such sum or sums as may be justly due claimant, and have execution thereon. The Owner shall not be liable for the payment of any costs or expenses of any such suit.

3. No suit or action shall be commenced hereunder by any claimant:
 - a. Unless claimant, other than one having a direct contract with the Principal, shall have given written notice to any two (2) of the following: 1) the Principal, 2) the Owner, or 3) the Surety above named, within ninety (90) days after such claimant did or performed the last of the work or labor, or furnished the last of the materials for which said claim is made, stating with substantial accuracy the amount claimed and the name of the party to whom the materials were furnished, or for whom the work or labor was done or performed. Such notice shall be served by mailing the same by registered mail or certified mail, postage prepaid, in an envelope addressed to the Principal, Owner, or Surety, at any place where an office is regularly maintained by said Principal, Owner, or Surety for the transaction of business, or served in any manner in which legal process may be served in the State in which the aforesaid project is located, save that such service need not be made by a public officer.
 - b. After the expiration of one (1) year following the date on which Principal ceased work of said Contract, however, if any limitation embodied in this bond is prohibited by any law controlling the construction hereof such limitation shall be deemed to be amended so as to be equal to the minimum period of limitation permitted by such law.
 - c. Other than in a State court of competent jurisdiction in and for the county or other political subdivision of the State in which the project, or any part thereof, is situated, or in the United States District Court for the district in which the project, or any part thereof, is situated, and not elsewhere.
4. The penal sum of this Bond is in addition to any other Bond furnished by the Contractor and in no way shall be impaired or affected by any other Bond.
5. The amount of this Bond shall be reduced by and to the extent of any payment or payments made in good faith hereunder, inclusive of the payment by Surety of Mechanics' Liens which may be filed of record against said improvement, whether or not claim for the amount of such lien be presented under and against this Bond.

Signed this _____ day of _____ 20__.

IN THE PRESENCE OF:

(Principal)

(Surety)

(Signature)

(Signature)

(Print Name and Title)

(Print Name and Title)

(Address)

(Address)

(City, State, Zip)

(City, State, Zip)

Telephone (____) _____

Fax No. _____

ACKNOWLEDGEMENT OF PRINCIPAL, IF A CORPORATION

STATE OF _____) ss:

COUNTY OF _____)

On the _____ day of _____ in the year 20__, before me personally came _____ to me known, who, being by me duly sworn, did depose and say that (s)he resides at _____, that (s)he is the _____ of _____, the corporation described in and which executed the above instrument; and that (s)he signed her/his name thereto by order of the Board of Directors of said corporation.

Notary Public

ACKNOWLEDGEMENT OF PRINCIPAL, IF A PARTNERSHIP

STATE OF _____)ss:

COUNTY OF _____)

On the _____ day of _____ in the year 20__, before me personally came

_____, to me known and known to me to be a member of the firm _____, described in and who executed the foregoing instrument, and (s)he duly acknowledged to me that (s)he executed the same for and in behalf of said firm for the uses and purpose mentioned therein.

Notary Public

ACKNOWLEDGEMENT OF PRINCIPAL, IF AN INDIVIDUAL

STATE OF _____) ss:

COUNTY OF _____)

On the _____ day of _____ in the year 20__, before me personally came _____, to me known and known to me to be the person described in and who executed the foregoing instrument and (s)he duly acknowledged that (s)he executed the same.

Notary Public

ACKNOWLEDGEMENT OF SURETY

STATE OF NEW YORK)

COUNTY OF _____) ss:

On the _____ day of _____ in the year 20__, before me personally came _____ to me known, who, being by me duly sworn, did depose and say that (s)he resides at _____, that (s)he is the _____ of _____, the corporation described in and which executed the above instrument; and that (s)he signed her/his name thereto by order of the Board of Directors of said corporation.

Notary Public

SECTION VII.
PERFORMANCE BOND

PERFORMANCE BOND

KNOW ALL BY THESE PRESENTS:

That _____
(Here insert the name and address or legal title of the Contractor)

as Principal, hereinafter called Principal, and _____

(Here insert the legal title of Surety)

(Address)

as Surety, hereinafter called Surety, are held and firmly bound unto The Fashion Institute of Technology, as applicable, as Obligee, hereinafter called Owner, in the amount of _____ and ____ /100 Dollars (\$ _____) for the payment whereof Contractor and Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS, CONTRACTOR has by written agreement dated _____ entered into a Contract with Owner for _____

in accordance with the Contract Documents and any changes thereto, which are made a part hereof, and are hereinafter referred to as the Contract.

1. If the Contractor performs the Contract, the Surety and the Contractor shall have no obligation under this Bond, except to participate in conferences as provided in Subparagraph 2.1.
2. If there is no Owner default, the Surety's obligation under this Bond shall arise after:
 - 2.1 The Owner has notified the Contractor, the Surety at its address described in Paragraph 8. below that the Owner is considering declaring a Contractor in default.
 - 2.2 The Owner has declared a Contractor in default and formally terminated the Contractor's right to complete the Contract.

- 2.3 The Owner has agreed to pay the Balance of the Contract Price to the Surety in accordance with the terms of the Contract or to a Contractor selected to perform the Contract in accordance with the terms of the Contract with the Owner.
3. When the Owner has satisfied the conditions of Paragraph 2 herein., the Surety shall, at the Owner's option, promptly and at the Surety's expense take on the following actions:
 - 3.1 Arrange for the Contractor, with consent of the Owner, to perform and complete the Contract; or
 - 3.2 Undertake to perform and complete the Contract itself, through its agents or through independent contractors; or
 - 3.3 Obtain bids or negotiated proposals from qualified contractors acceptable to the Owner for a contract for performance and completion of the Contract, arrange for a contract to be prepared for execution by the Owner and the Contractor selected with the Owner's concurrence, to be secured with performance and payment bonds executed by a qualified Surety equivalent to the bonds issued on the Contract, and pay to the Owner the amount of damages as described in Paragraph 5. in excess of the Balance of the Contract Price incurred by the Owner resulting from the Contractor default.
4. If the Surety does not proceed with reasonable promptness, the Surety shall be deemed to be in default on this Bond, and the Owner shall be entitled to enforce any remedy available to the Owner.
5. After the Owner has terminated the Contractor's right to complete the Contract, and if the Surety elects to act under Subparagraph 3.1, 3.2, or 3.3 above, then the responsibilities of the Surety to the Owner shall not be greater than those of the Contractor under the Contract, and the responsibilities of the Owner to the Surety shall not be greater than those of the Owner under the Contract. To the limit of the amount of this Bond, but subject to commitment by the Owner of the Balance of the Contract Price to mitigation of costs and damages on the Contract, the Surety is obligated without duplication for:
 - 5.1 The responsibilities of the Contractor for correction of defective work and completion of the Contract;
 - 5.2 Additional legal, design, professional, and delay costs resulting from the Contractor's Default, and resulting from the actions or failure to act of the Surety under Paragraph 3.; and
 - 5.3 Liquidated Damages, or if no liquidated damages are specified in the Contract, actual damages caused by delayed performance or non-performance of the Contractor. 3
6. The Surety shall not be liable to the Owner or others for obligations of the Contractor that are unrelated to the Contract, and the Balance of the Contract Price shall not be reduced or set off on account of any such unrelated obligations. No right of action shall accrue on this Bond to any person or entity other than the Owner or its heirs, executors, administrators or successors.
7. The Surety hereby waives notice of any change, including changes of time, to the Contract

or to related subcontracts, purchase orders, and other obligations.

8. Notice of the Surety and the Contractor shall be mailed or delivered to the address shown on the signature page. Notice to the Owner shall be mailed or delivered to the address shown in the preamble.
9. Definitions:
 - 9.1 Balance of the Contract Price: The total amount payable by the Owner to the Contractor under the Contract after all proper adjustments have been made, including allowance to the Contractor of any amounts received or to be received by the Owner in settlement of insurance or other claims for damages to which the Contractor is entitled, reduced by all valid and proper payments made to or on behalf of the Contractor under the Contract.
 - 9.2 Contract: The agreement between the Owner and the Contractor identified on the signature page, including all Contract Documents and changes thereto.
 - 9.3 Contractor Default: Failure of the Contractor, which has neither been remedied nor waived, to perform or otherwise to comply with the terms of the Contract.
 - 9.4 Owner Default: Failure of the Owner, which has neither been remedied nor waived, to pay the Contractor as required by the Contract or to perform and complete or comply with the other terms thereof.

The penal sum of this Bond is in addition to any other Bond furnished by the Contractor and in no way shall be impaired or affected by any other Bond.

Any suit under this Bond must be instituted before the expiration of two (2) years from the date on which Final Payment is made under this Contract.

Signed this _____ day of _____ 20__.

IN THE PRESENCE OF:

(Principal)

(Surety)

(Signature)

(Signature)

(Print Name and Title)

(Print Name and Title)

(Address)

(Address)

(City, State, Zip)

(City, State, Zip)

Telephone (____) _____

Fax No. _____

ACKNOWLEDGEMENT OF PRINCIPAL, IF A CORPORATION

STATE OF _____) ss:

COUNTY OF _____)

On the _____ day of _____ in the year 20__, before me personally came

_____ to me known, who, being by me duly sworn, did depose and say that (s)he resides at _____, that (s)he is the _____ of _____, the corporation described in and which executed the above instrument; and that (s)he signed her/his name thereto by order of the Board of Directors of said corporation.

Notary Public

ACKNOWLEDGEMENT OF PRINCIPAL, IF A PARTNERSHIP

STATE OF _____)ss:

COUNTY OF _____)

On the _____ day of _____ in the year 20__, before me personally came

_____, to me known and known to me to be a member of the firm _____, described in and who executed the foregoing instrument, and (s)he duly acknowledged to me that (s)he executed the same for and in behalf of said firm for the uses and purpose mentioned therein.

Notary Public

ACKNOWLEDGEMENT OF PRINCIPAL, IF AN INDIVIDUAL

STATE OF _____) ss:

COUNTY OF _____)

On the _____ day of _____ in the year 20__, before me personally

came _____, to me known and known to me to be the person described in and who executed the foregoing instrument and (s)he duly acknowledged that (s)he executed the same.

Notary Public

ACKNOWLEDGEMENT OF SURETY

STATE OF NEW YORK)

COUNTY OF _____) ss:

On the _____ day of _____ in the year 20__, before me personally came

_____ to me known, who, being by me duly sworn, did depose and say that (s)he resides at _____, that (s)he is the _____ of _____, the corporation described in and which executed the above instrument; and that (s)he signed her/his name thereto by order of the Board of Directors of said corporation.

Notary Public

SECTION VIII.
FORM OF BID

SECTION IX.
NON-COLLUSIVE
BIDDING
CERTIFICATION

Non-collusive Bidding Certification

By submission of this bid, each bidder and each person signing on behalf of any bidder certifies, and, in the case of a joint bid, each party thereto certifies as to its own organization, under penalty of perjury, that to the best of its knowledge and belief:

1. The prices in the bid have been arrived at independently without collusion, consultation, communication or agreement, for the purpose of restricting competition, as to any matter relating to such prices with any other bidder or with any competitor;
2. Unless otherwise required by law, the prices which have been quoted in the bid have not been knowingly disclosed by the bidder and will not knowingly be disclosed by the bidder prior to opening, directly or indirectly, to any other bidder or to any competitor; and
3. No attempt has been made or will be made by the bidder to induce any other person, partnership, or corporation to submit or not to submit a bid for the purpose of restricting competition.

Firm Name _____

Address _____

By _____
(Signature and Title)

Dated: _____

Telephone (____) _____ Fax No. (____) _____

(Taxpayer ID or Social Security Number)

ACKNOWLEDGEMENT OF BIDDER, IF A CORPORATION

STATE OF NEW YORK)
COUNTY OF _____) ss:

On the ____ day of _____, 20__ , before me personally came _____
to me known, who, being by me duly sworn, did depose and say that (s)he resides at _____
_____, that (s)he is the _____ of _____
_____, the corporation described in and which executed the above instrument;
and that (s)he signed her/his name thereto by order of the Board of Directors of said corporation.

Notary Public

ACKNOWLEDGEMENT OF BIDDER, IF A PARTNERSHIP

STATE OF NEW YORK)
COUNTY OF _____) ss:

On the ____ day of _____, 20__, before me personally came _____
to me known and known to me to be a member of the firm _____
_____, described in and who executed the foregoing instrument, and (s)he duly
acknowledged to me that (s)he executed the same for and in behalf of said firm for the uses and
purposes mentioned therein.

Notary Public

ACKNOWLEDGEMENT OF BIDDER, IF AN INDIVIDUAL

STATE OF NEW YORK)
COUNTY OF _____) ss:

On the ____ day of _____, 20__, before me personally came _____
to me known and known to me to be the person described in and who executed the foregoing
instrument, and (s)he duly acknowledged that (s)he executed the same.

Notary Public

SECTION X:

SUBSTITUTION FORM REQUEST

FASHION INSTITUTE OF TECHNOLOGY

SUBSTITUTION REQUEST FORM

1.1 CONDITIONS OF SUBSTITUTIONS

- A. Substitution indicated on this Form is a proposed substitute to requirements indicated in the Contract Documents. Substitution listed has not been included in an Addendum. Submit one Form for each proposed substitution.
- B. For each proposed Substitution, state difference in price or "No Change" where Substitution is offered.
- C. Attach complete technical data, specifications, and description of substitutions.
- D. Architect reserves the right to accept or reject any or all proposed substitutions.

1.2 SUBSTITUTION REQUEST

The following information is hereby submitted for a substitution to the specified item.

Specification Section and Title: _____

Paragraph _____ Page _____ Specified Item _____

Proposed Substitution: _____

Manufacturer: _____ Address: _____ Phone: _____

Trade Name: _____ Model No: _____

Price Difference: _____ or No Change _____

The Undersigned certifies:

- A. Proposed substitution has been fully investigated and determined to be equal or superior in all respects to specified product.
- B. Same warranty will be furnished for proposed substitution as for specified product.
- C. Same maintenance service and source of replacement parts, as applicable is available.
- D. Proposed substitution will have no adverse effect on other trades and will not affect or delay progress schedule.
- E. Proposed substitution does not affect dimensions and functional clearances.
- F. Payment will be made for changes to the building design, including A/E design, detailing, and construction costs caused by the substitution.

Submitted by: _____

Signed by: _____

Firm: _____

Address: _____

Telephone: _____ FAX: _____

ARCHITECT'S REVIEW AND ACTION

- Substitution Approved – Make submittals in accordance with General Requirements
- Substitution Approved As Noted – Make submittals in accordance with General Requirements.
- Substitution Rejected – Use specified materials.
- Substitution Request Received Too Late. Use specified materials.

Signed by: _____

Supporting Data Attached: Drawings Product Data Samples Tests
 Reports Other _____

SECTION XI.
CONTRACT

TO BE SIGNED ONLY UPON AWARD

CONTRACT

This Agreement made as of the _____ day of _____ 20____, by and between the _____, hereinafter referred to as the "OWNER" and _____ hereinafter referred to as the "Contractor", for Work at _____

WITNESSETH: That the **OWNER** and the Contractor for the consideration named agree as follows:

1. The Contractor shall Provide and shall perform all Work of every kind or nature whatsoever required and all other things necessary to complete in a proper and workmanlike manner the _____
_____ in strict accordance with the Contract Documents as defined in the General Conditions (and of which a listing of specifications and drawings are attached hereto) and in strict accordance with such changes as are ordered and approved pursuant to the Contract, and shall perform all other obligations imposed on such Contractor by the Contract.

2. The Contractor agrees to perform all Work and labor required, necessary, proper for, or incidental to the Work, and to Furnish all supplies and materials required, necessary, proper for, or incidental to the Work for the total sum of _____ and 00/100 Dollars (\$ _____ .00), which sum shall be deemed to be in full consideration for the performance by the Contractor of all the duties and obligations of such Contractor under the Contract.

3. The Contractor shall commence Work on the Contract at a time to be specified in a written notice to proceed issued by the OWNER and complete the project no later than _____.

IN WITNESS WHEREOF, the parties hereto have executed this Contract the day and year first above written.

Fashion Institute of Technology

Sherry Brabham, VP of Finance

(Name of Contractor)

By _____
(Signature)

(Print Name and Title)

ACKNOWLEDGEMENT OF CONTRACTOR, IF A CORPORATION

STATE OF _____)
COUNTY OF _____) ss:

On the _____ day of _____ in the year 20 ____, before me personally came _____ to me known, who, being by me duly sworn, did depose and say that (s)he resides at _____, that (s)he is the _____ of _____, the corporation described in and which executed the above instrument; and that (s)he signed her/his name thereto by order of the Board of Directors of said corporation.

Notary Public

ACKNOWLEDGEMENT OF CONTRACTOR, IF A PARTNERSHIP

STATE OF _____)
COUNTY OF _____) ss:

On the _____ day of _____ in the year 20 ____, before me personally came _____ to me known and known to me to be a member of the firm _____, described in and who executed the foregoing instrument, and (s)he duly acknowledged to me that (s)he executed the same for and in behalf of said firm for the uses and purpose mentioned therein.

Notary Public

ACKNOWLEDGEMENT OF CONTRACTOR, IF AN INDIVIDUAL

STATE OF _____)
COUNTY OF _____) ss:

On the _____ day of _____ in the year 20 ____, before me personally came _____, to me known and known to me to be the person described in and who executed the foregoing instrument and (s)he duly acknowledged that (s)he executed the same.

Notary Public

SECTION XII.
AFFIRMATIVE ACTION FORM

MONTHLY CONTRACTOR'S COMPLIANCE REPORT FORM AAP 7.0

INSTRUCTION SHEET

ALL PAYMENT REQUISITION, CONTRACTOR AND PROJECT INFORMATION ON THE TOP PORTION OF THE FORM MUST BE COMOPLETELY FILLED OUT. PLEASE NOTE:

False statements, information or data submitted on or with application for payment may result in one or more of the following actions: Termination of Contract for cause; Disapproval of future bids, or contracts or subcontracts; Withholding of final payments on the contract; and Civil and/or criminal prosecution.

PART B- PAYMENTS TO SUBCONTRACTORS AND SUPPLIERS

- 1) ALL FIRMS THAT YOU ARE UTILIZING ON THE JOB MUST BE LISTED EACH TIME **REGARDLESS** IF THEY ARE SCHEDULED TO RECEIVE PAYMENTS OUT OF THE PROCEEDS OF THE REQUISITION FOR PAYMENT.
- 2) All relevant information for each subcontractor and/or supplier must be filled in. This includes firm's complete name, address, phone number and Federal ID #. In addition, if the firm is a **NYS CERTIFIED MBEIWBE**, please indicate as such in the appropriate box.

AS A REMINDER, ONLY THOSE FIRMS THAT HAVE NYS CERTIFICATION BY THE EMPIRE STATE DEVELOPMENT CORPORATION CAN BE COUNTED TOWARDS THE MBE/WBE GOAL ACHIEVEMENT FOR THE PROJECT.
- 3) The percentage of the job or purchases completed must be filled in and in addition, please indicate the number of change orders issued on any subcontract agreement or the number of purchase orders issued to date if purchasing supplies.
- 4) A description of the work being performed by a subcontractor or the type of supplies being purchased must be filled in.

DEFINITIONS

INTENDED PAYMENT: This is the amount of money that you intend to pay to each firm with the money that you will receive from the accompanying requisition. **This is not** the amount that you intend to pay over the life of the contract.

AMOUNT PAID TO DATE: This is the amount of money that has **ACTUALLY** been paid to date from previous requisitions submitted. It does not include the amount that you intend to pay from this requisition. THIS AMOUNT WILL BE VERIFIED BY OUR OFFICE PRIOR TO CLOSE OUT OF THE JOB BY THE RECEIPT OF COPIES OF CANCELED CHECKS OR PAID INVOICES.

CURRENT VALUE OF SUBCONTRACT: This is the total value to date of any subcontract agreement that has been issued to the firm by your company. It should be inclusive of any change orders issued to the original contract. **NOTE:** THIS LINE IS FOR SUBCONTRACTOR INFORMATION ONLY. IF THE FIRM LISTED IS A SUPPLIER THAT YOU ARE PURCHASING SUPPLIES OR MATERIAL FROM, LEAVE BLANK AND GO TO THE NEXT LINE.

TOTAL VALUE OF ALL PURCHASE ORDERS: This is the total amount of **all** purchase orders that will be issued to the firm for the entire job. The number of purchase orders issued to date should be reflected in the area indicated to the left. **NOTE:** THIS LINE IS FOR SUPPLIER INFORMATION ONLY. IF THE FIRM IS A SUBCONTRACTOR, LEAVE THIS AREA BLANK. A SUBCONTRACTOR AGREEMENT SHOULD BE ISSUED WHICH WOIULD BE REFLECTED ON THE PREVIOUS LINE.

The current form that you should be utilizing is form: AAP 7.0 Revised 1/9/08. This form must be included with each payment requisition submitted or the payment will not be processed.

If the form is not filled out according to the above instructions, your next payment requisition may be held until corrections are made. In addition, each report submitted must have an original signature and date.

MONTHLY CONTRACTOR'S COMPLIANCE REPORT

Payment Requisition Date _____
Payment Requisition Amount \$._____
FIT Contract Number _____

CONTRACTOR INFORMATION

Name _____ Federal ID No. _____

Address _____

Contact Person _____ Telephone Number _____

PROJECT INFORMATION

Institution _____ City and Zip Code _____

Work Description _____

Part B - Payments to Subcontractors and Suppliers: Provide name, address and telephone number of ALL subcontractors to which you have awarded a subcontract or suppliers to which you have issued a purchase order. Place X in check box to indicate whether they are a New York State certified MBE or WBE or Other. In addition, for each firm listed below you must also include: the firms federal identification number; amount of intended payment to be made from proceeds of the accompanying requisition; percent complete, amount paid to date; the number of change orders or purchase orders; current value of subcontract (including change orders) or cumulative value of purchase orders; and a brief description of the work or service. All subcontractors or suppliers with whom you have an agreement should be listed below, even if they are not scheduled to receive a payment out of the proceeds of the attached requisition for payment. For further details, see Instruction Sheet

Firm _____ [] MBE [] WBE [] Other Fed. ID# _____

Address _____ Phone# _____ Intended Payment\$. _____

Address _____ Percent Complete _____ Amount Paid to Date\$ _____

No. of Change Orders. _____ Current Value of Subcontract \$ _____

No. of Purchase Orders Issued _____ Total Value of Purchase Orders \$ _____

Work Description _____

Firm _____ [] MBE [] WBE [] Other Fed. ID# _____

Address _____ Phone # _____ Intended Payment\$. _____

Address _____ Percent Complete _____ Amount Paid to Date\$ _____

No. of Change Orders. _____ Current Value of Subcontract \$ _____

No. of Purchase Orders Issued _____ Total Value of Purchase Orders \$ _____

Work Description _____

False statements, information or data submitted on or with application for payment may result in one or more of the following actions: Termination of Contract for cause; Disapproval of future bids, or contracts or subcontracts; Withholding of final payments on the contract; and Civil and/or criminal prosecution.

Name of Principal or Officer (Type or Print)

Title of Principal or Officer (Type or Print)

Signature of Principal or Officer

Date

SECTION XIII.
CHANGE ORDER FORM

CHANGE ORDER

TO:

Contractor: _____ Contract No. _____

Street: _____ Contract Date: _____

City, State, Zip: _____ Original Contract Amount: \$ _____

Phone No. _____ Total Approved Change Orders: _____

Current Contract Amount: \$ _____

You are hereby directed to perform all labor and to provide all materials necessary to carry out the Work described below:

Full consideration for this change order shall be on **INCREASE/DECREASE** of the original contract amount by:
_____ Dollars.

Labor = _____

Materials = _____

INCREASE/DECREASE of the original schedule by days. In accepting and executing this change order, the Contractor, its heirs, executors, administrators, successors, and assigns hereby release and forever discharge the Owner, its successors, and assigns from any and all actions, causes of action, claims and demands whatsoever in law or in equity which the Contractor ever had, now has, or may have against the Owner in any way arising out of this change.

Recommended by:
CONSTRUCTION MANAGER OR ARCHITECT

Name: _____

By: _____ Date: _____

Approved by:

Name: _____

By: _____ Date: _____

Accepted by:
CONTRACTOR

Name: _____

By: _____ Date: _____

OWNER

Name: _____

By: _____ Date: _____

SECTION XIV.
CONTRACTOR'S
TRADE PAYMENT BREAKDOWN

SECTION XV.
Darius Toraby Architects
General Conditions and Provisions
Table of Contents

Specifications Format	
Format	1
Language	1
Miscellaneous Provisions	
Examination of premises	2
Asbestos and pcb contaminated caulking	2
Fire prevention control	3
Housekeeping	3
Surveys and layout	4
Scheduling	4
Contract documents	5
Maintenance of permanent roadways	5
Traffic control	5
Discontinue, changes and removal	5
Moisture and condensation control	5
Storage of materials	6
Concessions on site	6
Project Meetings	
Summary	6
Pre-construction meetings	7
Progress meetings	7
Safety meetings	8
Pre-installation meetings	8
Change order meetings	8
Project close-out meetings	8
Material and Equipment	
Delivery, storage and protection	8
Approval of materials	9
Manufacturer's shop paint	10
Field painting	10
Project Closeout	
Summary	12
Substantial completion	12
Final completion	13
Final acceptance and final payment	15
Guarantees, Warranties & Bonds	
Summary	16
Submittals	16
Guarantee and warranty requirements (general)	17
Contractor's guarantee	19
Contractor's guarantee of asbestos free building/work	20
Warranties and guarantees other than "contractor's guarantee"	21
Bonds	21
Disclaimers and limitations	21
Summary of Work	21

General Conditions and Provisions
Table of Contents

Work under the contract	21
Commencement of work	21
Allowances	21
Alternates	22
Phasing	22
Work under other contracts	22
Items not included	23
Cutting, patching and removals	23
Project working hours	24
Safeguards during construction and demolition	24
Sustainability requirements	
Permits & Fees	
Requirements	25
Submittals	
Summary	27
Definitions	27
Submittal schedule	28
Submittal status reports	28
Contractor responsibility, general	29
Fit's responsibility, general	30
Submittal submission preparation	32
Resubmissions	33
Product data	34
Samples	34
Shop drawings	35
Test reports	36
Certifications	36
Inspection reports	36
Qualifications	36
Warranties & guarantees	37
Progress Schedule	
Methods	37
Progress schedule preparation timetable	37
Preliminary project schedule development	38
Detailed project schedule development	38
Two-week look-ahead	39
Submittals	40
Establishing the detailed baseline project schedule - review process	41
Detailed project schedule updating	41
Changes, delays, claims and time extensions	42
Temporary Facilities and Controls Requirements	
Security	43
Temporary toilet facilities	44
Fire watch during construction	44
Hoists, hoistways, and elevators	45
Temporary enclosures	46

General Conditions and Provisions
Table of Contents

Temporary fence enclosures	46
Staging areas	46
Water control	47
Pollution control	47
Temporary field offices	47
Project identification	48
Tree protection	48
Scaffolding	48
Sidewalk sheds, protective sheds, fences, chutes, etc.	50
Construction Waste Management	
Summary	53
Definitions	53
Submittals	53
Quality assurance	54
Waste management plan	54
Plan implementation	55
Recycling demolition and construction waste, general	56
Disposal of waste	56
Safety Program	
Safety program requirements	57
Submittals	57
Coordination and safety meetings	58
Safety facilities and controls	58
Correction of safety deficiencies	59
Product Substitutions	
Summary	59
Submittals	60
Approval decision	61
Accommodations for substitutions	61
Options	62
Material and finishes maintenance manuals	62
Existing Premises Work	
General	63
Site requirements	63
Health and safety	64
Work supervision and coordination	65
Submittals	65
Protection	69
Potentially hazardous materials discovered during work	72
Precautions against lead paint exposure	73
Non-interference with college functions	75
Fraternization	75
Work schedule and phasing	75
Water	77
Electric current	77
Storage space	77

****Note**

General Conditions and Provisions
Table of Contents

Existing materials	77
Use of existing college elevators	78
Removal of rubbish	79
Clean-up	79
Disposal of painted waste and debris	80
Removal and disposal of mold contaminated non-acm material	84
List of submittals	86

** Note: In case of conflict, terms and conditions described in the FIT Invitation to Bid, Section II. Bid Terms and Conditions & Section III. Contract Terms and Conditions, shall govern.

SPECIFICATIONS FORMAT

FORMAT

- A. These Specifications generally follow the Construction Specifications Institute format.

LANGUAGE

- A. The Specifications language is written using both indicative mood and imperative mood.

Where the imperative mood is used, the language is directed to the Contractor, unless specifically indicated otherwise.

- B. Where a colon (:) is used after a subject, the phrase "shall be" (or variations thereof) is to be inferred.

- C. Instruction Terms

Wherever reference is made in the Contract to the Work or its performance, the terms "directed", "required", "permitted", "ordered", "designated", "prescribed", and words of similar import shall imply the direction, requirement, permission, order, designation or prescription of the A/E & FIT.

- D. Approval and Acceptance Terms

"Approved", "acceptable" "satisfactory" and words of similar import shall mean and intend: approved by, acceptable to, or satisfactory to, the A/E & FIT.

MISCELLANEOUS PROVISIONS

EXAMINATION OF PREMISES

- A. Verification of Existing Conditions after Award
 - 1. Various existing conditions at locations of the Work which cannot be determined until removals are under way cannot be indicated on the Drawings or described in the Specifications.
 - 2. Perform all such removals as required to verify all existing conditions before fabricating the work.
 - 3. Where applicable, before removing any enclosure that will expose the interior of a building to the elements or before disturbing any structural work, make all possible preliminary investigations to verify the existing conditions thereat.
 - 4. Where removals or preliminary investigations reveal existing conditions that differ materially from what is indicated or specified, or that may require changes, immediately notify the A/E of record and FIT in writing and await instructions before proceeding further with that part of the Work.
- B. Discrepancies in Existing Conditions

During the process of the Work, should conditions be encountered that materially differ from those shown on the Drawings or indicated in the Specifications, or conditions which could not reasonably have been anticipated, which conditions will materially affect the cost of the Work, such conditions shall immediately be called to the attention of the A/E of record and FIT, before they are further disturbed. The A/E and FIT will promptly investigate the conditions and if it is found that they do so materially differ, shall issue a change order.

ASBESTOS AND PCB CONTAMINATED CAULKING

- A. If, during the course of construction, the Contractor believes materials that might contain asbestos or PCB-contaminated caulking may be disturbed during performance of the Work, the Contractor shall immediately notify the A/E & FIT's Field Representative of the area(s) of concern.

FIRE PREVENTION CONTROL

- A. Comply with the safety provisions of the National Fire Protection Association's "National Fire Codes" pertaining to the Work and, particularly, in connection with any cutting or welding performed as part of the Work.

- B. Fire Prevention and Protection

Per Section BC 3303.7 of the 2014 NYC Building Code, fire fighting equipment, access at the construction or demolition site and the conduct of all construction or demolition operations affecting fire prevention and fire fighting shall comply with the New York City Fire Code.

- 1. Water Supply

No hazardous or combustible material shall be kept at the site unless water supply for fire protection, either temporary or permanent, is available at the site.

- 2. Fire extinguishers shall be provided in accordance with the New York City Fire Code.

HOUSEKEEPING

- A. Per Section BC 3303.4, the Contractor shall:

- 1. Keep the Work free from debris at all times.
- 2. Clean all enclosed structures and roof of construction sheds daily.
- 3. Remove material and debris from the Site at least once a week. Meet requirements of the New York City Fire Code.

- B. The removal of material and debris shall comply with Section BC 3303.5. The Contractor shall conform with the following:

- 1. Burning of material and debris is not permitted.
- 2. All material and debris shall be lowered by way of chutes, taken down by hoists, or lowered in receptacles. Under no circumstances shall any rubbish be dropped or thrown from one (1) level to another inside or outside any building.
- 3. Do not throw material and debris from the windows or other parts of the building. Wet down Mason's debris, dirt and other dust-producing material from time to time.

4. Remove from the site all surplus materials as the Work progresses.
 5. At the conclusion of the work, all erection plant tools, temporary structure and materials belonging to the Contractor shall be promptly taken away.
 6. In the event the Contractor fails to maintain the premises in a neat condition acceptable to the FIT or fails to keep the building, premises and surrounding sidewalks and streets clean and free from material and debris resulting from the Work, or postpones or delays in the removal of material and debris, the FIT may order such material and debris removed by other parties. In such event, there shall be withheld from any payment to the Contractor a sum determined by the FIT sufficient to cover the cost of removal by other parties.
- C. All materials, fixtures and equipment, removed in the process of the work under this Contract shall remain the property of the FIT. The FIT's Representative will examine the materials, fixtures and equipment removed, and determine which items shall be retained by the FIT. The Contractor shall move and store such items where directed by the FIT's Field Representative. All other materials, fixtures, and equipment shall become the property of the Contractor and shall be removed and be disposed of in same manner as material and debris.

SURVEYS AND LAYOUT

- A. If, for any reason, stakes, batter boards or monuments are disturbed, it shall be the responsibility of the Contractor to re-establish them.
- B. The FIT's Representative may order construction work suspended at any time when location of monuments, stakes, bench marks and other layout markings established by the Contractor are not adequate to permit checking the Work.

SCHEDULING

- A. The Contractor shall deliver to the FIT schedules and forms in accordance with the Contract.
- B. The FIT may require the Contractor to modify schedules that the Contractor has submitted either before or after such schedules are accepted so that:
 1. The Work shall not be delayed.
 2. Changes in the Work are reflected in the schedules of the Contractor.

CONTRACT DOCUMENTS

- A. The Contract Documents (Technical Specifications, Contract Drawings, and any addenda to those documents) are available for download at the FIT's Bidset Website. The sets will be available for a limited time (until the end of the current calendar year after award of the contract) and thus it is recommended the documents be retrieved soon after award. The Contractor and its contractors are responsible to reproduce and distribute any documents required for each entity to perform its respective work.

MAINTENANCE OF PERMANENT ROADWAYS

- A. The Contractor shall immediately remove dirt and debris which may collect on permanent roadways due to the Work.

TRAFFIC CONTROL

- A. Routes to and from the location of the Work shall be as indicated in the Contract or as directed by the FIT's Representative. Temporary roadways shall be closed only with prior approval of the FIT.
- B. Parking areas for the use of those engaged in the Work shall be as indicated in the Contract or as directed by the FIT's Representative.

DISCONTINUE, CHANGES AND REMOVAL

- A. The Contractor shall:
 - 1. Discontinue all temporary services required by the Contract when so directed by the FIT's Representative. The discontinuance of any such temporary service prior to the completion of the Work shall not render the FIT liable for any additional cost entailed thereby.
 - 2. Remove and relocate such temporary facilities without additional cost to the FIT, and restore the Site and the work to a condition satisfactory to the FIT.

MOISTURE AND CONDENSATION CONTROL

- A. The Contractor shall provide for ventilation of all structures until Physical Completion and acceptance of the Work and shall control such ventilation to avoid excessive rates of drying of construction materials, including but not limited to concrete and to plaster, and to prevent condensation on sensitive surfaces.

STORAGE OF MATERIALS

- A. Provide and maintain adequate storehouses, material sheds, protection or other structures as may be required for any of the Work, or for the storage of materials. Adopt methods, procedures and ways and means to meet the exigencies of all seasons.
- B. All material or equipment not being used shall be stored at least 10 feet, measured along all horizontal dimensions, from all unenclosed perimeters of the building or structure as per Section BC 3303.4.5.
- C. Refer to Section BC 3303.4.7 for requirements for storage of material near sidewalks, walkways, and pathways.

CONCESSIONS ON SITE

- A. No restaurants, lunchrooms or other concessions of any kind whatsoever shall be operated on the site of this Project except with written permission of the FIT.

PROJECT MEETINGS

SUMMARY

- A. Project meetings shall be convened either regularly or as needed to accomplish the following:
 - 1. Coordinate and plan the start of the Work.
 - 2. Where applicable, coordinate the Work with the college administration and other contractors.
 - 3. Resolve problems and issues with the design, construction or administration of the Project.
 - 4. Review the progress of the Work, the quality of the Work, and payments for the Work.
 - 5. Review and coordinate the safety program.
 - 6. Review and negotiate change orders.
 - 7. Review project closeout progress and procedures.

PRE-CONSTRUCTION MEETINGS

- A. Prior to the start of Work, the FIT will convene a Pre-Construction Meeting to be attended by representatives of the FIT, the Contractor, primary subcontractors, and the A/E of Record including any required sub-consultants. Project items including, but not limited to, the following shall be established and/or discussed:
1. Key personnel from all parties involved with the Project.
 2. Lines of communication and points of contact.
 3. Mobilization and safety procedures.
 4. Permit applications and use of the premises.
 5. Progress meeting intervals.
 6. Contractor's quality control system and forms to be used on the project.
 7. Submittal processes.
 8. Procedures for processing and responding to Contractor's inquiries (e.g.: "Request(s) For Information" ["RFI's"])
 9. Change Order Process
 10. Request for payment procedures
- B. For projects where the Work is to be performed in an occupied college, the Contractor may be required to attend a second Pre-construction Meeting with college personnel. The FIT may also require key personnel from the primary subcontractors and the abatement subcontractor (if applicable) to attend such meeting.
- C. Contractor is to prepare and provide minutes of these meetings to all attending parties.

PROGRESS MEETINGS

- A. At intervals established during the Pre-Construction Meeting, the A/E & FIT will convene job site Progress Meetings to be attended by all key project personnel presided by the FIT's representative. The frequency of such Progress Meetings may be modified if the A/E & the FIT's representative determine that the Work progress or jobsite conditions warrant additional meetings. The A/E & the FIT's

representative will determine the agenda for the meeting. All topics relating to the performance of the Work shall be discussed.

- B. Contractor is to prepare and provide minutes of these meetings to all attending parties.

SAFETY MEETINGS

- A. Schedule and attend safety meetings as described in this specification.

PRE-INSTALLATION MEETINGS

- A. The FIT may convene Pre-Installation meetings to address particular components of the Work requiring special coordination or specialized inspection or technical support. The Contractor shall assure that all subcontractors, vendors, suppliers, etc. related to the particular work component at issue are present. The A/E of Record, inspectors, etc. will attend as required. All topics concerning the proper and timely installation of the work component will be addressed. Contractor is to prepare and provide minutes of these meetings to all attending parties.

CHANGE ORDER MEETINGS

- A. The FIT's representative may convene Change Order Meetings at its offices to resolve change order issues and disputes not otherwise concluded. The Contractor shall assure that all parties necessary to negotiate on its behalf are in attendance. Contractor is to prepare and provide minutes of these meetings to all attending parties.

PROJECT CLOSE-OUT MEETINGS

- A. The A/E & FIT's representative may convene Project Close-Out Meetings to discuss deficiency lists, punch lists, close-out documentation, substantial or final payment request procedures and other topics related to the Final Completion of the Work. The Contractor shall assure that all related Contractor and subcontractor personnel essential to the Final Completion of the Work are in attendance. Contractor is to prepare and provide minutes of these meetings to all attending parties.

MATERIAL AND EQUIPMENT

DELIVERY, STORAGE AND PROTECTION

- A. Materials stored on the Site shall be neatly arranged and protected, and shall be stored in an orderly fashion in locations that shall not interfere with the progress of the Work or with the daily functioning of the FIT.

- B. Should it become necessary during the course of the Work to move materials or equipment stored on the Site, the Contractor, at the direction of the FIT, shall move such material or equipment.
- C. Contractor shall furnish to the A/E & FIT's Field Representative a copy of each material order, indicating date of order and quantity of material, and shall also notify the FIT's Field Representative when material has been delivered to the site and state the quantities.
- D. Ample quantities - Contractor shall deliver materials in ample quantities to ensure the most speedy and uninterrupted progress of the work so as to complete the Work within the Contract time.
- E. Manufacturer's containers shall be delivered with unbroken seals and shall bear proper labels.
- F. Contractor shall coordinate deliveries in order to avoid delay in, or the impeding of the progress of the Work. Deliveries shall be made during regular work hours, unless approved otherwise by the FIT.
- G. Stacking - All materials shall be properly stacked in convenient places adjacent to the Work, or in other areas approved by the FIT's Field Representative, and protected as recommended by the respective material manufacturer.
- H. Overloading - If approval is given to store materials in any part of the building area, they shall be so stored as to cause no overloading of the existing structure.
- I. No Interference - If it becomes necessary to remove and restack materials to avoid impeding the progress of any part of the Work or interfering with the work to be done by any other contractor, or interfering with the college's activities, Contractor shall remove and restack such materials at no additional cost to the FIT.

APPROVAL OF MATERIALS

- A. Local Laws - All materials, appliances and types of methods of construction shall be in accordance with the Contract Documents, and shall in no event be less than that necessary to conform to the requirements of the Administrative Code and the Charter of the City of New York.
- B. Repute of Manufacturer - No manufacturer will be approved for any materials to be furnished under the Contract unless the manufacturer shall be of good reputation, shall have a plant of ample capacity and shall have successfully produced similar products.

- C. All transactions with the Manufacturers and Subcontractors shall be through Contractor unless Contractor requests in writing to the A/E & FIT's Field Representative that the manufacturer or subcontractor deal directly with the A/E & FIT's Field Representative. Any such transactions shall not in any way release Contractor from full responsibility under the Contract.
- D. All Materials, supplies and equipment furnished under the Contract shall be new and unused, of standard first-grade quality and of the best workmanship and design. Where existing work is removed or disturbed, all replacement materials shall match existing unless prior approval of variance is given in writing by the A/E & FIT's Field Representative.

MANUFACTURER'S SHOP PAINT

- A. For all manufactured products and equipment requiring shop paint, paint used shall be:
 - 1. In compliance with Federal regulations and with the regulations of the State of New York and of the City of New York.
 - 2. In compliance with Part 205, "Architectural Surface Coatings", Department of Environmental Conservation, State of New York, governing the emission of Volatile Organic Compounds.
 - 3. In compliance with the non-photo chemical reactive solvents requirements of N.Y.C. Law 49.
 - 4. Be compatible with the finish painting for the respective product and the condition of use.
- B. The provisions, herein, shall supersede shop coat paints specified in the respective technical Sections of these Specifications, where in conflict.

FIELD PAINTING

- A. For all materials, manufactured products and equipment requiring field paint, paint used shall be:
 - 1. In compliance with Federal regulations and with the regulations of the State of New York and of the City of New York.
 - 2. In compliance with Part 205, "Architectural Surface Coatings", Department of Environmental Conservation, State of New York, governing the emission of Volatile Organic Compounds.

3. In compliance with the non-photo chemical reactive solvents requirements of N.Y.C. Law 49.
 4. Be compatible with the finish painting for the respective product and the condition of use.
- B. To meet the provisions of the paragraph A. above for interior applications, use paints and coatings that comply with the following limits for VOC content when calculated according to 40 CFR 59, Subpart D (EPA method 24) and the following chemical restrictions:
1. Flat Paints and Coatings: VOC not more than 50 g/L.
 2. Non-Flat Paints and Coatings: VOC not more than 150 g/L.
 3. Anti-Corrosive Coatings: VOC not more than 250 g/L.
 4. Varnishes: VOC not more than 350 g/L.
 5. Waterproof Sealers: VOC not more than 250 g/l.
 6. All other Sealers: VOC not more than 200 g/l.
 7. Aromatic Compounds: Paints and coatings shall not contain more than 1.0 percent by weight total aromatic compounds (hydrocarbon compounds containing one or more benzene rings).
 8. Restricted Components: Paints and coatings shall not contain any of the following:
 - a. Acrolein.
 - b. Acrylonitrile.
 - c. Antimony.
 - d. Benzene.
 - e. Butyl benzyl phthalate.
 - f. Cadmium.
 - g. Di (2-ethylhexyl) phthalate.
 - h. Di-n-butyl phthalate.
 - i. Di-n-octyl phthalate.
 - j. 1,2-dichlorobenzene.
 - k. Diethyl phthalate.
 - l. Dimethyl phthalate.
 - m. Ethylbenzene.
 - n. Formaldehyde.
 - o. Hexavalent chromium.
 - p. Isophorone.
 - q. Lead.
 - r. Mercury.
 - s. Methyl ethyl ketone.
 - t. Methyl isobutyl ketone.
 - u. Methylene chloride.
 - v. Naphthalene.
 - w. Toluene (methylbenzene).
 - x. 1,1,1-trichloroethane.

- y. Vinyl chloride.
- C. The provisions of paragraphs A and B above shall supersede field-applied paints specified in the respective technical Sections of these Specifications, where in conflict.

PROJECT CLOSEOUT

SUMMARY

- A. The Contractor shall undertake the performance of all Project Closeout activities in a timely manner. The requirements of this section shall be closely coordinated with the requirements of Specification “Guarantees, Warranties, and Bonds”, which further specify the items required to be submitted as part of the Project Closeout procedure. Project Closeout requirements for specific construction activities are included in the appropriate Sections.

SUBSTANTIAL COMPLETION

- A. Substantial Completion is defined in the General Conditions.
- B. The Contractor shall complete and submit the appropriate section of the Certificate of Substantial Completion when the Contractor, in its opinion, determines that Substantial Completion has been achieved. By submitting the Certificate of Substantial Completion, the Contractor certifies the following:
 - 1. The Contract Work has been satisfactorily completed in accordance with the Contract, including all change order work.
 - 2. All documents, permits, and proofs of compliance necessary for the lawful use of the Work have been submitted.
 - 3. The Work can be safely used for its intended purpose.
- C. As part of meeting the requirements of B above, the following must be completed:
 - 1. All required Special Inspections have been successfully completed.
 - 2. Record Documents specified in Section G01720, such as Final Record Drawings (As-Builts) and Final Record Shop Drawings, to be submitted prior to substantial completion have been submitted and are accurate.
 - 3. The Work has been cleaned, prepared and is ready to be utilized for its intended purpose. The Contractor shall employ workers experienced in cleaning or professional cleaners to clean the Work and all affected areas

for use. All surfaces shall be cleaned in accordance with the manufacturers' recommendations. Cleaning and preparation requirements shall include, but not be limited to, the following:

- a. All surfaces shall be free of dirt, films, dust, stains, blemishes, etc
 - d. All exterior site work, sidewalks, paved areas, grass areas etc, installed and or used by the Contractor shall be swept, raked smooth and free of debris, rubbish, and litter.
 - e. All protection not needed for the punch lists corrections shall be removed and the affected areas restored.
- E. Upon receipt of the Contractor's signed Certificate of Substantial Completion, the A/E & FIT will either (1) conduct its own reviews and inspections required to accept the Contractor's date of Substantial Completion, or (2) advise the Contractor of unfulfilled requirements, if they are known.
- 1. If the A/E & FIT do not concur that Substantial Completion has been achieved, a list of deficiencies, showing incomplete Contract Work, will be issued to the Contractor. The A/E & FIT will re-inspect the Work when notified by the Contractor that the Work has been substantially completed. If the Contractor fails to complete or correct all deficient Work within the period specified, the FIT may have such Work performed by others at the Contractor's expense. Upon completion of the deficient items, the fully executed certificate will be issued.
 - 2. If the A/E & FIT concurs, a copy of the Certificate of Substantial Completion, signed and sealed by the A/E & FIT's representatives will be issued to the Contractor. The date of Substantial Completion, as determined by the FIT, will be indicated on the form. A Final Punchlist of items to be addressed prior to Final Acceptance will be prepared and issued to the Contractor.

FINAL COMPLETION

- A. Final Completion is defined in the General Conditions.
- B. The Contract indicates a duration following Substantial Completion at the end of which the Final Completion of the Work must be achieved. Within this period, all Contract Work not required for Substantial Completion must be completed. This includes, but is not limited to, the following:
 - 1. Final Punchlist: Shortly after the receipt of the fully executed Certificate of Substantial Completion, the Contractor will receive a list of minor items that must be corrected or performed prior to Final Acceptance of the

Work. No additional compensation will be allowed for the completion of the Final Punchlist work. Payment requests for the reduction of retainage upon the successful completion of the Final Punchlist items must be accompanied by a “General Release – Substantial Completion.” If the Contractor fails to complete the Final Punchlist work within the period specified, the FIT may have such Work completed by others at the Contractor’ expense.

2. Final demobilization and removal of temporary facilities remaining used to address the Final Punchlist items. Restore areas to previously existing condition if applicable.
3. Documentation: All documentation required by the Contract but was not necessary prior to Substantial Completion acceptance must be submitted to the FIT. This includes, but is not limited to, the following:
 - a. Remainder of Record Documents not required to be submitted prior to substantial completion.
 - b. All guarantees and manufacturers’ warranties fully executed by all responsible parties.
 - 1) All guarantees and warranties specified are to be effective one (1) day after the actual date of Substantial Completion, unless specified otherwise in the technical section **or as per the paragraph below.**
 - a) **For projects that are phased, the guarantees and warranties for the materials installed, successfully tested, accepted by the A/E & FIT and all authorities having jurisdiction and put into use prior to Substantial Completion shall be effective from the date of acceptance.**
 - 2) General Contractor Guarantee governed by General Conditions is to be effective the date so stipulated in that Section.
 - c. All final photographs of the Work, as applicable to the project.
 - f. Current permits (if applicable)
 - g. Regulatory sign-offs, certificates, and other similar documentation indicating final approval from all agencies having jurisdiction for required documentation.

4. Final cleaning: The Contractor shall clean and prepare for use, all Work affected by the performance of the Final Punchlist and all Work and areas not previously cleaned and made ready for use. Touch-up and otherwise repair and restore marred exposed finishes.
5. Repair: All damage caused by the Contractor shall be repaired or replaced as follows:
 - a. New Work, included as part of this Contract, shall be replaced.
 - b. Existing property shall be returned to its condition prior to the Contractor's mobilization for the Work.

FINAL ACCEPTANCE AND FINAL PAYMENT

- A. Final Acceptance is defined in the General Conditions.
- B. The A/E & FIT will perform a final inspection. Prior to the inspection, the Contractor shall:
 1. Complete all contractual obligations necessary for the issuance of a DOB Letter of Completion, if applicable.
 2. Submit a statement that the Final Punchlist work has been completed.
- C. The A/E & FIT will re-inspect the Work of all items rejected during previous inspections.
 1. Upon completion of the re-inspection, the A/E & FIT will notify the Contractor that (1) the Work is acceptable or (2) all Work and obligations required for Final Acceptance have not been fulfilled.
 2. The FIT will continue to re-inspect the Work until all contractual requirements for Final Acceptance have been achieved.
- D. Upon satisfactory completion of all requirements under the Contract, the Contractor shall submit to the FIT a properly executed General Release and Final Request for Payment. By doing so, the Contractor acknowledges that all stipulations set forth in the General Release are acceptable, including, but not limited to, the following:
 1. Resolution of all unilaterally issued change orders.
 2. Resolution of all claims.

3. The total Contract value indicated on the General Release and Final Payment Request has been reconciled and is the accepted amount for all obligations due under this Contract.
- E. By issuing Final Payment, the FIT acknowledges Final Acceptance.

GUARANTEES, WARRANTIES & BONDS

SUMMARY

- A. The Contractor shall provide the General Contractor's Guarantee for the Work; specific guarantees and warranties for products and installations and all required bonds.

SUBMITTALS

- A. General Contractor's Guarantee and Bonds

Submit the General Contractor's Guarantee and Bonds as per General Conditions.

- B. Specific Guarantee and Warranty Submittal Schedule

1. Initial Submittal: **At least thirty days prior to the guarantee and warranty effective date**, submit to the A/E & FIT for review two copies of a complete set of unexecuted guarantees and warranties ready for execution by the required parties. Include a complete index of each set. The FIT will return one copy with comments within twenty-one (21) days of receipt.
2. Final Submittal: Upon written notification that the warranty and guarantee documents are acceptable, submit one bound set of executed originals and two bound sets of copies of the executed guarantees and manufacturer warranties. Documents are to be properly executed by the Contractor, or by the Contractor, subcontractor, supplier, or manufacturer as applicable. Submit such warranties within fifteen (15) days of the **effective date of the guarantees and warranties**. Such guarantees and warranties must be included as part of the bound sets. The documents shall be, properly labeled as to the name and number of the Contract; date of submittal; name, address and telephone number of the Contractor; and description of subject matter contained within.

C. Specific Guarantee and Warranty Form of Submittal

Organize the guarantee and warranty documents into an orderly sequence based on the table of contents of the Technical Specifications and:

1. Bind the guarantees and warranties in heavy duty, commercial quality, durable 3-ring vinyl covered loose-leaf binders, thickness as necessary to accommodate contents, and sized to receive 8^{1/2}" by 11" paper.
2. Provide heavy paper dividers with celluloid covered tabs for each separate guarantee and warranty. Mark the tab to identify the product or installation. Provide a typed description of the product or installation, including the name of the product, and the name, address and telephone number of the installer.
3. Identify each binder on the front and the spine with the typed or printed title "GUARANTEES AND WARRANTIES", the Project title or name, and the name of the Contractor.
4. Table of Contents

Include a typewritten table of contents for each volume, arranged systematically according to the specification format. A list of the warranties and guarantees for each product included, identified by product name or other appropriate identifying symbol, shall be provided. The list is to include the warranty number, length of the warranty/guarantee, the date it begins, the date it expires, and the responsible party. The Table of Contents and the list is also to be provided in electronic form in an Excel[®] format.

5. Refer to the individual Sections of the Specifications for specific requirements regarding the content and submittal of guarantees and warranties.

GUARANTEE AND WARRANTY REQUIREMENTS (GENERAL)

- A. When correcting guaranteed or warranted Work that has failed or is defective, the Contractor shall remove and replace other work that has been damaged as a result of such failure or defect or that must be removed and replaced to provide access for correction of warranted Work.
- B. Upon determination that Work covered by a guarantee or warranty has failed or is defective, the Contractor shall replace or rebuild the Work to an acceptable condition complying with requirements of Contract Documents. The entity responsible for the warranty/guarantee of the failed or defective item of Work is responsible for the cost of warranty/guarantee work regardless of whether the FIT

has benefited from use of the Work through a portion of its anticipated useful service life.

- C. The FIT reserves the right to withhold acceptance of Work for the Project where a technical section specific guarantee, warranty, certification, or similar commitment is required on such work or part of the Work, until evidence is presented that entities required to countersign such commitments are willing to do so.

CONTRACTOR'S GUARANTEE

- A. The Contractor shall furnish a comprehensive written guarantee in the following form:

"GUARANTEE"

PROJECT _____

CONTRACT NO. _____

The Contractor hereby guarantees that the Work specified for the aforesaid Contract will be free from defects of material and workmanship for a period as specified in the General Conditions.

The Contractor also guarantees that it will repair or replace, whichever may be deemed necessary by the FIT, all defective material or workmanship in the Work that may appear within the guarantee period to the satisfaction of the FIT and without any cost or expense to the FIT.

Contractor

By _____

Date _____

Sworn to me before this

_____ day of _____, 20__

_____ Notary Public

- B. Scheduling of corrective Work will be determined by the FIT. Work required to correct failed or defective material or workmanship during the guarantee periods shall be done by the Contractor without cost to the FIT.
- C. Should the Contractor fail to remedy defects immediately, the FIT may furnish such materials and labor as are necessary to correct such failure or defect in the Work at the Contractor's expense.

CONTRACTOR'S GUARANTEE OF ASBESTOS FREE BUILDING/WORK

For existing building work, including work in existing buildings as part of an addition project, the Contractor shall furnish a written guarantee that the work installed has been constructed of materials that do not contain asbestos. The guarantee shall be in the following form:

"ASBESTOS FREE WORK"

PROJECT _____

CONTRACT NO. _____

The Contractor hereby guarantees that the Work is free of asbestos-containing material and, in accordance with the Project Specifications and product data sheets approved by the A/E of Record, no products have been installed that contain asbestos.

Contractor

By _____

Date _____

Sworn to me before this

_____ day of _____, 20__

_____ Notary Public

WARRANTIES AND GUARANTEES OTHER THAN “CONTRACTOR'S GUARANTEE”

- A. The Contractor shall furnish all warranties and guarantees as specified in the respective Sections for products and systems in addition to the Contractor's Guarantee shall be for such periods and with such conditions as stipulated in these Specifications.

BONDS

- A. The Contractor shall provide bonds as required in Article 14 of the General Conditions.

DISCLAIMERS AND LIMITATIONS

- A. Manufacturers' disclaimers and limitations on product warranties do not relieve the Contractor of the Contractor's Guarantee of the Work that incorporates the products, nor does it relieve suppliers, manufacturers, and subcontractors required to countersign specific warranties with the Contractor as identified in the individual specification sections of Divisions 2 through 16 from their respective obligations thereunder.

SUMMARY OF WORK

WORK UNDER THE CONTRACT

- A. The Work shall be as described in the Contract Documents.

COMMENCEMENT OF WORK

- A. The Contractor must commence the Work enabled by the issuance of a permit within ten continuous calendar days of the issuance of the permit. If the Work does not commence within the ten (10) continuous calendar day milestone, future allowances, if any, for delays agreed to by the FIT will be reduced by a number of days equal to the number of days between the ten continuous calendar day milestone date and the actual start date.

ALLOWANCES

- A. Selected materials, equipment, and services are specified in the Contract Documents by allowances. Allowances have been established in lieu of additional requirements and to defer selection of actual materials and equipment to a later date when additional information is available for evaluation. Unused portions of an allowance shall be credited to the FIT.

B. Submittals

1. Submit proposals for purchase of products, systems, or services included in allowances.
2. Submit invoices or delivery slips to show the actual quantities of materials delivered to the site, or services performed, for use in fulfillment of each allowance.

ALTERNATES

- A. Alternates for certain work may be accepted or rejected by A&E and the FIT. The cost or credit for each alternate is the net addition to or deduction from the Contract Sum to incorporate the alternate into the Work. No other adjustments are made to the Contract Sum.

PHASING

A. Order of Work

1. To complete all the work of all Trades within the required Contract Duration, and to accommodate Project needs, the Work of this Contract shall be performed in "Phases" as follows:

Work at 210, 220 & 230 West 27th Street Buildings' North Elevations, partial East and Partial West Elevations, requiring Overhead Protective Bridging at the 27th street shall be completed first. Upon completion of this work and removal of the 27th Street bridging, work at remaining elevations can commence. FIT reserves the right to amend this phasing as needed. Work at all four buildings to commence simultaneously unless otherwise instructed by FIT.

WORK UNDER OTHER CONTRACTS

- A. The FIT has awarded separate contracts for performance of certain other construction operations at the site. Those operations will be conducted simultaneously with work under this Contract.
- B. Cooperate fully with separate contractors so that work under those contracts may be carried out smoothly, without interfering with or delaying work under this Contract.

ITEMS NOT INCLUDED

The following items shown on the Drawings are not included in the Work:

- A. Items indicated "By Others".
- B. Items indicated "N.I.C." (Not in Contract).
- C. Existing construction not indicated or specified to be removed, replaced or altered.

CUTTING, PATCHING AND REMOVALS

- A. Contractor shall do all cutting and patching, painting and finishing of existing work which is disturbed while performing the Work. Contractor shall be responsible for restoring new work which is damaged. All work shall be restored to provide a new appearance and to be structurally sound.
- B. The work shall be done by competent workmen skilled in the trade required by the restoration.
- D. Examination:
 - 1. Prior to cutting, drilling, or removal, investigate both sides of the surface involved. Determine the exact location of structural members.
 - 2. If unforeseen obstructions are encountered, take precautions necessary to prevent damage and obtain instructions from the A/E & FIT before proceeding with the Work.
- E. Preparation:
 - 1. Provide temporary shoring and other supports necessary to prevent settlement or other damage to existing construction which is to remain.
 - 2. Prepare existing surfaces properly to receive, and where required, to bond with the Work.
- F. Removals, Cutting, Altering:
 - 2. Remove and alter existing construction as required to install and connect the Work to adjacent construction in an approved manner.
 - 3. Cut and alter existing materials as required to perform the Work. Limit the cutting to the smallest amount necessary.
 - 4. Perform cutting, drilling, and removals in a manner that will prevent damage to construction that is to remain.

G. Patching:

1. Patch existing construction and finishes defaced, damaged, or left incomplete due to alterations or removals. Patching, except as otherwise indicated, shall be limited to the areas which have been cut or altered; match materials, finishes, underlying construction, and quality of area patched.

H. Existing Premises Work: in addition to Work described above for cutting and patching, perform the following:

1. Provide all supports, shorings, bracing, and other means, required for existing beams, columns, lintels, walls, and other components, at locations where alterations occur.
2. Avoid damaging existing electric conduits in slabs edges during removals, verify conditions at the building.
3. All existing work damaged or lost as a result of performing the required new Work, shall be patched, repaired or replaced with new, and finished to match the new Work.
4. Where existing work required to be removed and replaced is found to be defective in any way, it shall be reported to the A/E & FIT before it is disturbed.

PROJECT WORKING HOURS

- A. The Contractor shall establish the work hours for the project within the parameters set forth by the City of New York Department of Buildings, the Department of Environmental Protection, and other agencies having such jurisdiction. Provide the FIT with a schedule of the intended hours in order for it to set its personnel schedule. Work hour to confirm with FIT house rules, if different.
- B. No overtime work shall be performed without prior written approval by the FIT.
- B. When performing work during “After hours” periods as determined by the NYC Building Department, obtain and pay for all required permits.

SAFEGUARDS DURING CONSTRUCTION AND DEMOLITION

- A. The Contractor is responsible to follow all requirements required by the NYC Administrative Code and Chapter 33 of the 2014 NYC Building Code to ensure safety of the public and property as well as those employed in construction or demolition operations.

SUSTAINABILITY REQUIREMENTS

- A. The Contractor shall meet sustainability performance and documentation requirements which the FIT has established to comply with New York City Local Law 86 of 2005, and to achieve the following objectives: sustainable site use, water use reduction, conservation of energy and resources and improvement of indoor environmental quality.
- B. Sustainability performance and documentation requirements are incorporated in Section - Sustainability Requirements, and in individual specification sections for this project.
- C. Sustainability performance requirements include, but are not limited to: water use reduction, energy conservation, construction waste management, and indoor air quality controls during construction.
- D. Sustainability documentation requirements include, but are not limited to, Contractor's Certification Form, cost information, documentation on VOC content, urea-formaldehyde content and recycled and regional content.
- E. The Contractor shall ensure that these sustainability requirements as defined in Section "Sustainability Requirements", and in individual specification sections are implemented to the fullest extent. Substitutions or other changes to the work shall not be proposed by the Contractor or their subcontractors if such changes compromise the stated Sustainable Design Performance Criteria.

PERMITS & FEES

REQUIREMENTS

- A. The Contractor shall make the necessary arrangements for, and shall obtain, all permits and approvals from all agencies, authorities, departments, etc., having jurisdiction, including, without limitation, permits with permitted hours of work and of sufficient duration, as are required to perform the Work.
- B. The Contractor shall pay all costs, fees and expenses associated with all permits, approvals, permit renewals, inspections etc. required for the work. The Contractor should note that as a State School, FIT may be exempt from the assessment of fees by certain agencies, departments, other authorities etc. It is the responsibility of the Contractor to ascertain whether FIT is exempt from the assessment of fees by other agencies, departments, other authorities etc.
- C. Permits, applications, and approvals for the following items shall be processed directly through the NYC Department of Buildings. The Contractor shall pay all costs and fees for the following permits, applications, and approvals:

1. Cranes and Derricks
 2. After-hours work
 3. Bureau of Electrical Control
 4. Material Hoists and Hoistways
- D. As soon as possible, but in no event more than thirty (30) continuous calendar days of the commencement date indicated on the Notice to Proceed, the Contractor must submit to the A/E (and/or all other agencies, bureaus, authorities, etc. with jurisdiction) all permit applications and other documentation necessary to obtain permits for the performance of all Work required under this Contract. Under no circumstances will allowances for lost time be granted for delays caused by incomplete, incorrect, or untimely submissions of application documentation.
- E. Permits from all agencies must be secured prior to expiration of application and renewed prior to expiration of the permit itself.
- F. The Contractor shall be responsible for the timely renewal of all permits and associated renewal fees until completion of the related work or as required by the governing agency.
- G. The Contractor shall engage a qualified licensed firm/individual experienced with the various New York City filing, approval and permit procedures. Such firm/individual shall prepare and submit all required applications and related documentation to the appropriate agency for processing. The correct and timely submittal of the documentation is solely the responsibility of the Contractor. Under no circumstances will time extensions be granted for delays caused by incomplete, incorrect, or untimely submissions of application documentation. The firm/individual engaged by the Contractor shall not be the same firm/individual engaged by the A/E of Record for filing of the Design Documents.
- K. Throughout the duration of the Work, the Contractor shall arrange for and coordinate all required inspections. No additional compensation will be paid for repairs, patching and replacement of work required to be removed, opened, or otherwise disturbed to facilitate such inspections.
- M. Before final payment can be issued, the Contractor shall provide the applicable Documentation indicating that all final inspections required by City agencies having jurisdiction have passed and achieved final sign-off. All reports and proofs of inspections are to be submitted. The Contractor shall coordinate and arrange for all such inspections. No additional compensation will be paid for repairs, patching, and replacement of work required to be removed, opened or otherwise disturbed to facilitate such inspections.

SUBMITTALS

SUMMARY

- A. Contractor shall provide all Submittals required by the Contract. The Contractor shall adhere to all submittal and scheduling. After examination of the Submittal by the A/E & FIT's Representative and the return of such items by the FIT to Contractor, the Contractor shall make corrections indicated and shall furnish to the FIT the required number of corrected items.
- B. Required Submittals include, but are not limited to, the following:
1. Submittal Schedule
 2. Submittal Status Reports
 3. Product Data
 4. Samples
 5. Shop Drawings
 6. Calculations
 7. Test Reports
 8. Certifications
 9. Inspection Reports
 10. Qualifications
 11. Record Documents
 13. Warranties and Guarantees
 14. Sustainability Submittals
- B. Manufacturer's Safety Data Sheets (MSDS) for all products supplied for the Work are to be kept at the site available for inspection by the A/E & FIT, and all workers.

DEFINITIONS

- A. Products, materials and systems are collectively called "products" for the purposes of the Contract Documents.
- B. Unacceptable and Incomplete Submittals

Submittals that do not contain the required information specified herein, such as specification section and location of work, etc; or do not specifically indicate the actual item proposed; drawings that are only duplications of the Contract Drawings; and those shop drawings not prepared by specialty firms for items requiring such expertise (e.g. Reinforcing steel shop drawings to be prepared by a rebar detailer, structural steel to be by a steel detailer, etc) will be considered unacceptable or incomplete submissions.

SUBMITTAL SCHEDULE

- A. The Contractor shall, unless otherwise directed by the A/E & FIT, submit a submittal schedule showing the anticipated time of commencement and completion of all Submittals. The timetable requirements for the submission of the submittal schedule and its updates shall be the same as required by the Section “Progress Schedule” for the Project Schedule. The submittal schedule shall coincide with the Project Schedule and shall reflect the allocated times for review and shall account for all product lead times.
- B. The sequence of the Submittals is to be reasonably prioritized to permit sufficient time for review, possible resubmissions, and subsequent procurement of the items sufficiently in advance of the work without submitting too many items at one time. The A/E & FIT will review the schedule and make comments as necessary. Schedules indicating that an unreasonably large number of submittals for any particular trade are to be made at one time will be rejected.
- C. The Submittal Schedule shall be coordinated with the Project Progress Schedules.
- D. Allocated time for review of submissions by the A/E & FIT. Also incorporate the time required for review of Product Substitutions, which is described in Section “Product Substitutions”.
- E. Certain products require long lead times to go through the submittal process and fabrication. Contractor is to provide submittals within 30 days of the NTP.

SUBMITTAL STATUS REPORTS

- A. Starting two weeks after submission and acceptance by the A/E & FIT of the Submittal Schedule, the Contractor shall submit a bi-weekly Submittal Status Report, based on the Submittal Schedule, to the A/E & FIT’s Field Representative containing the following information:
 - 1. A list of all Submittals which have been sent to the A/E & FIT, giving name of the Subcontractor, Drawing number, title, scheduled submittal date, and actual date of submission. Submittals that have been returned due to insufficient information shall indicate such on the report and the initial submission date revised to that when the A/E & FIT accept the submission for review.
 - 2. An indication of the desired priority of the return, if necessary.
 - 3. Overdue drawings (“Aged”) are to be indicated in bold.

- B. The Status Report shall be delivered to the A/E & FIT's Field Representative on days designated by the A/E & FIT's representative throughout the active period of Construction.

CONTRACTOR RESPONSIBILITY, GENERAL

- A. The review of Submittals by the FIT, which will typically be by the appropriate Design Professional of Record for the item submitted except those to be reviewed by other FIT Departments, shall not relieve the Contractor of responsibility for (1) the accuracy and proper dimensioning; (2) for the proper fitting and construction of the Work; and (3) the furnishing of materials or Work required by the Contract but not indicated on the Shop Drawings. Acceptance of Submittals shall not be construed as approving departures from the Contract Drawings, Supplementary Drawings (Drawings initiated by change orders or Notice of Direction (NOD)) or Specifications. The Contractor is responsible for clearly indicating (clouding, flagging, etc.) any portions of the submittal that vary in any way from the Contract Documents.
- B. The Contractor shall be responsible for coordinating all submissions of the various trades and subcontractors before submittal so as to avoid conflicting locations and routing of items and interferences between items and to ensure that the submissions are in accordance with the requirements of this Section. Corrections resulting from such conflicts and interference shall be made by and at the expense of the Contractor. The Design Professional of Record & FIT reserve the right to withhold acceptance of a Submittal requiring coordination with other Submittals until all related Submittals are received.
- C. It shall be the Contractor's responsibility to carefully review all Submittals to ensure conformance with the Contract requirements including verification of dimensions, clearances, compatibility, and coordination with other product data and shop drawings submitted for other work.
- D. Submittals shall be marked to show the Contract name and number, the Contractor, and applicable subcontractor, manufacturer or supplier. Submittals shall completely identify the specification section, Contract Drawings, and the locations at which materials or equipment are to be installed. Submittals shall be on the Contractor's letterhead.
- E. Where printed materials describe more than one product or model, clearly identify which item is submitted for acceptance.
- F. If the A/E & FIT find a Submittal incomplete or unacceptable, it will be returned to the Contractor for correction prior to any further processing or review regardless of any urgency claimed by the Contractor. In such a situation, the Contractor will be responsible for any resulting delays to the scheduled Contract completion. Furthermore, the FIT may hold the Contractor responsible for

increased costs incurred by the FIT resulting from the Contractor's failure to comply with the requirements set forth herein.

- G. The Contractor shall anticipate twenty-one (21) calendar days (excluding National Holidays) after receipt by the Design Professional of Record (or other FIT department depending on submittal type) to the day the commented submittal is returned. Processing of incomplete or unacceptable submissions shall not reduce the number of calendar days specified above for review once the submission is properly made. Furthermore, the Contractor shall provide Submittals in accordance with the accepted Submittal Schedule. Should the Contractor vary from the established schedule in its submissions, the Contractor understands that the A/E & FIT may require additional time for review as it deems necessary beyond that set forth above. This additional time shall in no way relieve the Contractor from performing its work on schedule. The Contractor may also request and pay overtime for the review to be done on an expedited basis. The FIT reserves the right to return to the Contractor submittals that are not sent in accordance with the accepted schedule. Resubmissions shall be treated the same as initial submissions with respect to time for review. Under no circumstances shall the Contractor be entitled to any extension of time or compensation for any delay in the review of a submittal caused by the Contractor's failure to submit in accordance with the accepted schedule or sufficiently in advance of the work to allow for the review and processing described above.
- I. No portion of the Work shall commence until required Submittals are Satisfactory to the A/E & FIT.

FIT'S RESPONSIBILITY, GENERAL

- A. The review of Submittals by the A/E & FIT will be for general conformance with the requirements of the Contract Documents only and shall not be interpreted as confirming or approving detailed dimensions, quantities or approval of deviations from the Contract Documents. The FIT's review shall not relieve the Contractor of its responsibility for the accuracy of its submittals nor for the furnishing and installation of materials and equipment in accordance with the Contract Documents. The FIT's review of a separate item shall not be deemed to include a review of the complete assembly in which it functions.
1. Acceptance of Submittals shall not to be interpreted as approval of a substitute material or system indicated thereon. Submittal of substitutions will be accomplished in accordance with the requirements set forth in Specification Section: "Product Substitution".
 2. Acceptance of a Submittal, with or without notation, does not acknowledge a change to the contract

- B. The A/E & FIT will review and return to the Contractor satisfactorily prepared Submittals within twenty-one (21) calendar days (excluding National Holidays) after receipt by the Design Professional of Record (or other FIT department depending on submittal type), including transmittal time.
- C. The A/E & FIT will review all satisfactorily prepared Submittals and will return each Submittal to the Contractor with a comment indicating the response to the submission.
1. “No Exceptions Taken” – The Work covered by the submittal may proceed to fabrication/ installation provided it complies with requirements of the Contract Documents. This review action does not authorize changes to Contract Sum or Contract time. (“Approved” or “Accepted” are alternate comments with the same meaning.)
 2. “Make Correction Noted” - The Work covered by the submittal may proceed provided it complies with notations or corrections on the submittal and requirements of the Contract. The response indicates that portions of the submittal have been questioned and found to be in deviation/conflict with the requirements of the Contract Documents, notes have been added for clarity, and/or the submittal requires field verification. Resubmission is required only if the Contractor is unable to comply with noted corrections. Resubmission must clearly indicate items varying from the noted corrections and other changes made from the previous submission. (“Approved as Noted - No Resubmission Required” is an alternate comment with the same meaning.)
 3. “Rejected: Revise and Resubmit” – The response indicates that the submittal is deficient. Additional information is required to complete the review. Work covered by the submittal may not proceed - purchasing, delivery, fabrication, or installation MAY NOT be undertaken. The Contractor is to revise or prepare a new submittal according to the comments. (“Revise and Resubmit” is an alternate comment with the same meaning.)
 4. “Rejected: Not acceptable for review” – The response indicates that the item does not meet the requirements of the Contract, or the submittal is incomplete and has not been reviewed. Do not proceed with the Work covered by the submittal - purchasing, delivery, fabrication, or installation MAY NOT be undertaken. Prepare a new submittal complying with the Contract requirements; resubmit immediately. (“Not Approved” is an alternate comment with the same meaning.)

SUBMITTAL SUBMISSION PREPARATION

- A. Submittals shall be accompanied by a transmittal to the A/E & FIT requesting acceptance. Transmittals shall contain submittal items from only one Specification Section.

- B. Each Submittal and transmittal shall be identified with the following information:
 - 1. Project title.
 - 2. Contract name and Contract number.
 - 3. Date of the submittal, including dates of any revisions.
 - 4. Name of Contractor, name of Subcontractor, material supplier and manufacturer, as applicable.
 - 5. Name of person or firm preparing Submittal.
 - 6. Contract Drawing numbers and Specifications, Section Division and Paragraph numbers used as references in preparing Submittal, and titles of items to which the Submittal refer. The Contractor is to utilize the template transmittal included at the end of this Section, which provides the required information including indications of whether the items submitted are as per the bid documents or substitutions.

- C. In addition to marking the transmittal, each submittal shall be stamped with one of the following:
 - 1. “This submittal contains no Product Substitutions”
 - 2. “This submittal contains Product Substitutions”

- D. One copy of all Submittal transmittals from the Contractor shall be delivered to the FIT’s Field Representative.

- E. If the Submittal contains variations from the Contract Documents, the Contractor shall make specific mention of such variations in the transmittal and shall flag them on the Submittal item so as to be readily apparent. Any variations must be continuously flagged throughout the submittal process. Acceptance of submittals inclusive of an item or items which vary from the Contract Documents but not flagged as such does not constitute acceptance of the variance(s). The Contractor shall remedy the installation of such unaccepted item(s) by its removal and installation of contract compliant item(s). Acceptance of a submittal or an installation on other projects does not constitute acceptance on this project. Submissions that contain substitution of “products” that differ from the Contract

Documents shall be clearly listed and will be considered and reviewed in accordance with the process described in Section, “Product Substitutions”. Variations to details due to field conditions shall be so flagged as such.

- F. Submit required data for each item as specified in the technical sections. However, if a product specified in the technical section by specific product name or model number is proposed for use, Manufacturer’s test reports (except those required in the field to verify performance), manufacturer’s qualifications, and samples (except for those requiring selection or acceptance of color, texture, appearance, or other variable characteristic, field mock-ups, and those showing thickness, fabrication shape, and type of material), are not required to be submitted.
- G. Acceptance of a “product” does not constitute acceptance for installation at locations other than that provided in the Contract Documents.

RESUBMISSIONS

- A. The resubmission procedure shall be the same as for the initial submission in all respects except the following:
 - 1. The transmittal shall contain the same information as the first transmittal except that transmittal numbers shall run consecutively and the submission number shall indicate 2nd, 3rd, etc. submission. The drawing number/description shall be identical to the initial submission and the date shall be the revised date for that submission.
 - 2. No new material, other than may be incidental to the required correction, shall be included on the same transmittal for a resubmission.
 - 3. Review of resubmitted items shall generally be restricted to revisions to the original Submittal, unless the Contractor makes other revisions in addition to those indicated. All changes (revisions) to resubmitted items or the additional changes by the contractor must be clearly encircled, highlighted, or otherwise designated.
 - 4. Submittals by the Contractor that by virtue of the review action assigned to it require an unreasonable number of reviews by the A/E & FIT (over 3 total – 1 initial, 2 resubmissions), FIT may warrant a cost back-charge to be assessed against the Contractor. The Contractor shall be held liable for all delay and increased labor costs incurred by the FIT for additional review(s) of such Submittals including all legitimate overhead expenses and mark-ups associated with the additional review(s). If a submittal requires a third submission, the FIT may require a meeting to resolve the deficiencies in the submittal.

5. Under no circumstances will the FIT's rejection of a Submittal or requirement for resubmission of a Submittal be cause for any claim by the Contractor for an extension of Contract Time or adjustment to the Contract price.

PRODUCT DATA

- A. Compile Product Data into a single submittal for each element of construction or system. Product Data includes, among other information, printed information such as manufacturer's installation instructions, catalog cuts, standard color charts. Where Product Data must be specially prepared because standard printed data is inadequate, submit as "Shop Drawings".
- B. Where printed Product Data includes information on several products, some of which are not pertinent, mark copies to indicate the applicable information. Include the following information:
 - a. Manufacturer's printed recommendations.
 - b. Compliance with recognized trade association standards.
 - c. Compliance with recognized testing agency standards.
 - d. Application of testing agency labels and seals.
 - e. Notation of dimensions verified by field measurement.
 - f. Notation of coordination requirements.

SAMPLES

- A. Each Sample shall be labeled with the following information:
 - 1. Project title.
 - 2. Contract name and Contract number.
 - 3. Date of submission.
 - 4. Name and quality of the material.
 - 5. Name of Contractor, name of Subcontractor, Material Supplier and Manufacturer, as applicable.

6. Contract Drawing numbers and Specification Section, Division and Paragraph numbers used as reference in preparing Samples.
- B. Samples shall be of sufficient size and quantity to show the quality, type, color, finish and texture of the material required to be furnished by the Contractor pursuant to the Contract. Furnish specific sizes and quantities where indicated in the respective technical Sections.
- C. Field samples (Mock-ups) are mock-ups erected on site to illustrate workmanship, finishes, coatings, or textures and to establish the standard by which the Contract Work will be judged. Mock-ups shall be provided in the sizes prescribed in the Contract or as may be required by the A/E & FIT. Comply with submittal requirements, and process transmittal forms to provide a record of the Submittal and subsequent review action.
- G. Except for the field samples (mock-ups), provide three (3) samples of each item required to the A/E & FIT unless otherwise indicated.

SHOP DRAWINGS

- A. Shop drawings include fabrication and installation drawings, setting diagrams, schedules, patterns, templates and similar drawings. Shop Drawings shall show in detail, materials, dimensions, thicknesses, assembly, attachments, relation to adjoining work, and all other pertinent data and information. The Contractor shall check shop drawings, verify all dimensions and field conditions and check and coordinate the Shop Drawings of any Section or trade with the requirements of other sections or trades as related thereto, as required for proper and complete installation of the Work.
- B. Submit shop drawings, drawn to accurate scale. Reproductions of Contract Documents will not be acceptable.
- C. The Contractor shall submit manufacturer's drawings and specifications when necessary to explain fully apparatus and equipment required by the Work. These manufacturer's drawings and specifications shall be treated as Shop Drawings. Manufacturer's catalog numbers alone are not acceptable as sufficient information for compliance with this requirement.
- F. The Contractor shall submit six (6) prints of Shop Drawings to the A/E & FIT's designated Representative for review and acceptance. A satisfactory Shop Drawing will be stamped and dated; three (3) prints will be returned to the Contractor. The Contractor shall not use or distribute, for construction purposes,

any shop drawings that do not include the Designer of Record's acceptance stamp.

- G. For shop drawings requiring resubmission, the FIT will return three (3) prints to the Contractor for revision, processing and resubmission. The Contractor shall be responsible for distributing prints of shop drawings to its Subcontractors and materials suppliers.
- H. The Contractor shall bear all costs incurred for such reproduction and distribution. Prints of all reviewed shop drawings may be made from prints that carry the appropriate review stamps.

TEST REPORTS

- A. See the individual technical Sections of these Specifications for those items of work requiring the submission of Test Reports, or submit test reports for items required by A/E.
- B. The Contractor shall submit three (3) copies of all required Test Reports.

CERTIFICATIONS

- A. See the individual technical Sections of these Specifications for those items of work requiring the submission of Certifications.
- B. The Contractor shall submit to the FIT three (3) copies of all required Certifications.

INSPECTION REPORTS

- A. See the individual technical Sections of these Specifications for the items of work subject to inspections by manufacturers or other entities.
- B. The Contractor shall submit to the A/E & FIT three (3) copies of all required Inspection Reports.

QUALIFICATIONS

- A. See the individual technical Sections of these Specifications for requirements concerning the qualifications of the entities performing items of the work.
- B. Qualifications for companies shall be a list of projects with references that verify the project requirements are met. Where the qualification is for a licensed professional, submit a copy of the license and resume.

- C. The Contractor shall submit to the A/E & FIT three (3) copies of all required Qualifications.

WARRANTIES & GUARANTEES

- A. See the individual technical Sections of these Specifications for those items of work requiring the submission of Warranties and/or Guarantees.

PROGRESS SCHEDULE

METHODS

- A. The Contractor shall comply with project schedule development and updating requirements as specified herein.
- B. The Contractor shall employ or retain the services of a Construction Scheduler with verifiable construction scheduling experience, subject to review and acceptance by the FIT. Upon request, the Contractor shall provide the FIT with identification, qualifications and experience of the proposed scheduling staff member(s).
- C. Schedule shall be developed using accepted CPM (Critical Path Method) techniques using the precedence diagramming method.
- D. Once the Baseline Detailed Project Schedule is accepted by the FIT, Progress Updates shall be submitted at a frequency specified by the FIT, normally at two (2) week intervals, until Final Completion is achieved or as directed by the FIT.

PROGRESS SCHEDULE PREPARATION TIMETABLE

- A. As used in this Specification Section, “days” mean consecutive calendar days while “working days” are days excluding non-working time (weekends and holidays).
- B. Upon receipt of Notice to Proceed (NTP), the Contractor or its designee shall promptly prepare a Preliminary Project Schedule and subsequently a Detailed Project Schedule and shall submit for the FIT’s acceptance as follows:
 - 1. The Preliminary Project Schedule for the first ninety (90) days not later than twenty-one (14) days from the NTP.
 - 2. The initial Detailed Project Schedule (when accepted by the FIT, this will be the Detailed Baseline Project Schedule) no later than twenty-one (21) days from the NTP.
 - 3. The Contractor shall make all submissions of schedules, corrections, and

revisions required by the FIT to ensure that the Detailed Baseline Project Schedule will be accepted not later than forty-five (45) days from the NTP.

- C. Failure of the Contractor to comply with the Preliminary or Detailed Project Schedule requirements of this Section or the required time for revisions to the schedule as specified within this Section may result in the FIT withholding full payment or portion thereof, due the Contractor until such time as the Contractor submits the required schedules and the information specified above is accepted by the FIT.
- D. The FIT will accept the submitted information only after all corrections have been made and all issues resolved. The FIT may also find the Contractor in default if items in this Section are not completed.

PRELIMINARY PROJECT SCHEDULE DEVELOPMENT

- A. The Preliminary Project Schedule shall be a detailed plan of operations for the first ninety (90) days after NTP as well as a summary level schedule of the major activities for the remainder of the Work.
- B. The Preliminary Project Schedule will be reviewed by the FIT and returned with comments as necessary. Information from the Preliminary Project Schedule will be the general foundation for development of the Detailed Project Schedule.

DETAILED PROJECT SCHEDULE DEVELOPMENT

- A. The Detailed Project Schedule shall be the Contractor's working schedule and shall be used to plan, organize, execute and track the project. The Detailed Project Schedule is the primary vehicle used to report actual performance, progress, and convey the Contractor's execution plan to complete all remaining Work.
- B. The Detailed Project Schedule shall show the sequence in which the Contractor proposes to carry out the Work, and account for all major and intermediate milestone activities, restrictions of access, availability of work areas and the availability and use of labor hours, materials, and equipment.
- C. The Contractor shall ensure and represent that all subcontractors performing any portion of the Work have knowledge of the accepted Detailed Baseline Project Schedule and updates and are in agreement therewith.

- D. The amount of detail shall be to the satisfaction of the FIT and shall, at a minimum, include:
1. Contract major milestones.
 2. All purchase, manufacture, and delivery activities for all major materials and equipment.
 3. Preparation, submittal, and approval of shop drawings, material samples and safety plans.
 4. Approvals and permits required by regulatory agencies or other third parties.
 5. Performance of tests, submission of test reports, and approval of test results.
 6. Completion dates of all items required for substantial completion.
 7. Completion dates for close-out of regulatory and punch list items prior to Final Payment.
- E. Activities identified in the Detailed Project Schedule shall have the duration in units of whole working days. Activity Duration shall be based on the available resources required for performing each activity and shall be the result of definitive labor hours and resource planning by the Contractor to perform the Work and with consideration of on-site work conditions.
- F. Activity descriptions shall completely indicate the Work to be performed and the location(s) at which it will be done.
- G. Float or slack, in the schedule, shall not be for the exclusive use or benefit of either the FIT or the Contractor, but shall be available for use by both the FIT and the Contractor.

TWO-WEEK LOOK-AHEAD

- A. On a bi-weekly basis, the Contractor shall provide a two (2) week look-ahead listing activities planned over the following two (2) weeks, which shall be produced based on the current accepted Detailed Project Schedule update.
- B. Contractor is to provide daily report of crew/manpower available at the job site.**

SUBMITTALS

- A. The Preliminary Project Schedule is to be submitted in hard copy and in electronic format.
- B. Detailed Project Schedule
1. For each submittal of the Detailed Project Schedule, the following layouts, reports, graphics are required and shall be included.
 - a. Detailed Activity Layout – Each line shall display the Activity ID, Description, Original Duration, Remaining Duration, Early Start, Early Finish, and Total Float. The barchart area shall contain the early and float bars.
 - b. The FIT may request additional reports from time at no additional cost. The Contractor shall furnish two copies of the complete progress schedule as outlined above with each initial submittal and each update.
 - c. In addition, the Monthly Update submittal shall contain a Narrative Report including:
 - 1) A discussion of progress through the update period and status of the project with respect to completion of the schedule.
 - 2) A discussion of changes, delays or other circumstances affecting Progress.
 - 3) A listing of modifications to the previously submitted

network including logic changes and activity additions, deletions or modifications.

- 4) A tabular listing of all activities showing Activity ID, Original Duration, Remaining Duration, Calendar, Percent Complete, Activity Description, Early Dates, Late Dates, and Total Float, sorted by Activity ID.

2. For each schedule submittal, the Contractor shall provide a copy of the computer file(s) in electronic format.

- C. Two-week Look-aheads are to be submitted in hard copy format and via email.

ESTABLISHING THE DETAILED BASELINE PROJECT SCHEDULE - REVIEW PROCESS

- A. The FIT will normally return comments within fifteen (15) working days after receipt of the initial Detailed Project Schedule Submission. If any of the required submissions are returned to the Contractor for corrections or revisions, they shall be resubmitted within ten (10) working days from receipt of comments. Review and response by the FIT will be given within ten (10) working days after resubmission.
- B. At the request of the FIT, the Contractor shall be required to participate in project meetings necessary to obtain an acceptance of the above noted submittals.

DETAILED PROJECT SCHEDULE UPDATING

- A. The initial updating shall take place immediately after the FIT accepts the Contractor's Detailed Project Schedule as Baseline. The data (status) date for the first update shall not exceed seven (7) days from the date of receipt of the accepted Baseline Schedule.
- B. Subsequent updates of the Detailed Project Schedule shall be made at the end of each progress payment period, until Substantial Completion is achieved. Updates shall reflect actual or reasonably anticipated progress as of the last working day of the period. Required monthly Reports shall be submitted to the FIT within five (5) working days following the end of the reporting cycle. Failure to comply with this requirement may result in the issuance of a credit change order for the cost of the update or withholding all or a portion of said progress payment, at the sole discretion of the FIT.

- C. The Detailed Project Schedule shall be reviewed jointly by Contractor, A/E and the FIT's field representative to verify:
 - 1. Actual start dates.
 - 2. Actual completion dates.
 - 3. Cost value of Work reported in place (if required).
 - 4. Activity percent completion.
 - 5. Revised logic (as-built and projected) and changes in activity duration, cost.
 - 6. Daily manpower/crew count.

- D. In addition, the Contractor and FIT field representative shall:
 - 1. Resolve out-of-sequence logic
 - 2. Assess the impact, if any of any pending change orders.
 - 3. Incorporate accepted time extensions.

- E. Contractor's failure to provide required scheduling information within the required timeframe or to adhere to the currently accepted schedule may result in denial of all or a portion of the progress payment until such time as the required schedule information is submitted and accepted by the FIT.

CHANGES, DELAYS, CLAIMS AND TIME EXTENSIONS

- A. When changes or delays are experienced and a Notice of Direction (NOD) is executed by the FIT, the Contractor must submit a Time Impact Analysis. This analysis must include a written narrative and supporting schedule fragnet detailing the anticipated schedule impact of the change(s), if any.

- B. The impact schedule developed by the Contractor must incorporate activities representing the related changes to the Scope of Work and/or delays, if any into the current accepted Detailed Project Schedule. The fragnet submitted as part of the Impact Analysis must illustrate the impact of these change or delays on Substantial Completion.

- C. Each Time Impact Analysis shall be submitted within twenty (20) working days after a delay occurs and/or after an NOD or change order is issued to the Contractor.

- D. In the event that the Contractor does not submit a Time Impact Analysis requesting additional compensation and/or an extension of time within ninety (90) days after an NOD or change order is issued to the Contractor, the Contractor shall be deemed to have waived any claim or right to additional compensation and/or extension of time, and no additional compensation and/or extension of time shall be granted.
- E. Evaluation of each Time Impact Analysis by the FIT will be made within fifteen (15) working days after receipt unless the FIT determines that additional information or meetings and negotiations are necessary. Any change order, if required shall be issued by the FIT. Upon FIT acceptance, fragments illustrating the influence of changes and delays shall be incorporated into the Detailed Project Schedule during the next update.
- F. In the event the Contractor does not agree with the decision of the FIT regarding the impact of a change or delay, the Contractor may seek resolution of the disputes in accordance with the Contract.

TEMPORARY FACILITIES AND CONTROLS REQUIREMENTS

- A. The Contractor shall provide the temporary facilities and controls as hereinafter specified and as required by law.

SECURITY

- A. Employee Identification.
 - 1. The Contractor shall provide photo-identification badges for all of the Contractor's employees and, in addition, require that all Subcontractors provide photo-identification badges for their employees. Badges are to be worn on outer clothing and be conspicuously displayed at all times while present on the premises of the FIT.
 - a. The badge is to include the Contractor's name, the employee's name, an employee identification number, date of birth, height and weight, and a photograph of the employee. The identification number shall correspond to the employee's social security number.
 - b. The Contractor shall maintain an internal record of each such employee identification number and the social security number to which it corresponds. The social security number shall not be displayed on the badge.
 - 2. The Contractor is hereby notified that any employee of the FIT, or any law enforcement agency shall have the right to inspect identification badges. If the Contractor's employee refuses to display or produce a badge for

examination, the FIT shall be notified and the Contractor may be directed to remove the employee from the premises.

- B. Overhead protective bridging shall be equipped with alarm system, acceptable to/approved by the FIT.
- C. **No visitors shall be permitted on the Site without prior approval by the FIT.**

TEMPORARY TOILET FACILITIES

- A. The Contractor shall provide, stock, and maintain toilet accommodations for all persons employed or engaged in the Work; such facilities shall meet any and all requirements of law, rule or regulation. The Contractor shall remove such facilities at the completion of the Work or at such earlier time as the FIT's Representative may direct.
- B. If, upon the approval and direction of the FIT's Representative, a toilet room in a college building is used as a temporary toilet facility, such temporary toilet facility shall be maintained in a sanitary condition by the Contractor. In all permanent toilet rooms, all plumbing fixtures and room finish shall, upon completion of the Work, be free from any damage, defacement or other defects. The cost of any necessary repair or replacement shall be borne by the Contractor.
- C. Sanitary Facilities
Sanitary facilities shall be provided during construction, remodeling, or demolition activities in accordance with the 2008 New York City Plumbing Code.

FIRE WATCH DURING CONSTRUCTION

- A. A Fire Watch shall be provided for the following conditions:
 - 1. When open flame or spark-producing tools and equipment such as heating kettles, blow torches and welding rods are being used, the Contractor shall provide personnel engaged for fire watch purposes (fire guards) to maintain a fire watch over the operation of these items at all times during the use and until all materials have cooled sufficiently to no longer constitute a fire hazard. Provide additional fire guards required by the FDNY as determined by the FDNY inspector after Work is under way.
- B. Fire guards must possess Certificates of Fitness, issued by the FDNY, appropriate for the assigned fire watch task. Watchperson(s) acting as fire guard(s) when required by BC 3303.3 must be familiar with emergency notification procedures to the Fire Department, shall possess a valid security guard registration with the State of New York, and shall hold a valid fire guard certificate from the Fire Department. Copies of such certificates shall be provided to the FIT.

1. Fire Guards shall carry these registration cards whenever they are on the Site. Additionally, a copy of the registration card for each fire guard assigned to the site must be submitted to the FIT prior to beginning the assignment.
2. Without limiting the FIT's other rights and remedies, the FIT shall not pay for the services of any fire guard unless the FIT has been furnished with a copy of the fire guard's registration card as provided above.

HOISTS, HOISTWAYS, AND ELEVATORS

- A. The Contractor shall provide, operate, and maintain the required hoists and lifting equipment for the performance of the Work of this Project in accordance with the provisions herein. Refer to section BC 3316.9.
- B. General Requirements
 1. Comply with the manufacturer's specifications and limitations applicable to the operations of all hoists and elevators. Where manufacturer's specifications are not available, the limitations assigned to the equipment shall be based on the determinations of a professional engineer competent in the field.
 2. Rated load capacities, recommended operating speeds, and the special hazard wiring or instructions shall be posted on cars and platforms.
 3. Location: No hoists shall be constructed at such locations that will interfere with or affect the work of other contractors, or the functioning of college activities; they shall be located a sufficient distance from the exterior walls, and be so protected as to prevent damage, staining or marring of any permanent work.
- C. Material Hoists
 1. Operating rules shall be established and posted at the operator's station of the hoist. Such rules shall include signal system and allowable line speed for various loads. Rules and notices shall be posted on the car frame or crosshead in a conspicuous location, including the Statement "No Riders Allowed." No person shall be allowed to ride on material hoists except for the purposes of maintenance and inspection.
 2. All material hoist towers shall be designed by a licensed professional engineer and shall conform to the requirements of ANSI A10.5-2006, Safety Requirements for material hoists.

3. The hoisting or lowering of any article on the outside of any building shall be performed by or under the direct and continuing supervision of a licensed rigger as per Section BC 3316.9.1.

TEMPORARY ENCLOSURES

The Contractor shall:

- A. Provide and maintain temporary weather-resistant enclosures for all openings in exterior walls and roof that are not enclosed.

TEMPORARY FENCE ENCLOSURES

- A. If required, the Contractor shall provide and maintain temporary fence enclosures.
- B. Provide a construction fence as required, with construction in accordance with the NYC Building Code. Paint fence one coat of paint in color selected by the FIT.
- C. A safety zone approved by the DOB shall be provided around the demolition area as shown on the site safety plan. Fences shall be erected to prevent persons other than workers from entering. They shall be at least 8 feet high, solid, with clear 1/4" thick polycarbonate plastic panels at viewing openings.
- D. Develop, and submit to the FIT for approval, a detailed fence plan, indicating bracing, gates and other pertinent information.

STAGING AREAS

- A. The FIT may, at its discretion, designate temporary staging areas for the Contractor for such purposes as storage of materials, erecting a field office. Provide fencing and secure in-swinging gates to fully enclose the areas and prevent unauthorized entry. Fences and gates shall be at least 8 feet high unless directed otherwise by the FIT. Submit drawings of the staging areas to the FIT for prior approval, indicating locations of all facilities and details of fences and gates. Maintain the areas and facilities in safe, clean, and orderly condition. As per Section BC 3307.4.7, the barrier for storage areas adjacent to pedestrian paths shall be solid for at least 4'-0" in height. In the area where a material hoist is located, the solid protection shall extend from the ground level to the height of the overhead protection.
- B. When directed by the FIT, remove temporary staging area facilities, repair all damage, and finish the area as directed.

WATER CONTROL

- A. Dispose of all water with due care and shall not infringe on the rights of others on the Site, of adjacent property FITs and of the public. All cost in connection with the removal of such water shall be paid by the Contractor.
- B. Drainage
 - 1. No condition shall be created as a result of construction or demolition operations that will interfere with natural surface drainage.
 - 2. Water courses, drainage ditches, etc., shall not be obstructed by refuse, waste building materials, earth, stones, tree stumps, branches, or other debris that may interfere with surface drainage or cause the impoundment of surface waters.

POLLUTION CONTROL

The Contractor shall:

- A. Comply with all laws, rules and regulations governing pollution control, including but not limited to those of the Department of Environmental Conservation of the State of New York.
- B. Take all necessary precautions including, but not limited to digging and maintaining settling basins and dams; diverting streams, and taking all other actions that may be necessary to prevent silt, and waste of any kind from being deposited, silting and reduction of quality of streams below the construction area and downstream properties as a result of the Work.
- C. Refrain from the disposal of volatile fluid wastes into storm or sanitary sewer systems, approved sewage disposal systems or any waterway.
- D. Refrain from burning trash or waste materials.

TEMPORARY FIELD OFFICES

- A. Contractor's Field Office
 - 1. The Contractor can provide for its use all temporary office facilities necessary for the performance and management of the construction. Such facilities must be in place and in operation within thirty (30) days of the start date indicated on the NTP. No space within the existing building will be provided to the Contractor for such temporary offices unless otherwise indicated. Contractor's field office shall be made of metal or other noncombustible material.

2. The Contractor must obtain written approval from the FIT for any temporary facility located on the site. The Contractor shall relocate such temporary office facility to other locations, approved by the FIT, as necessary to facilitate the expeditious completion of the Work at no additional cost to the FIT.
3. Temporary toilet and sink shall be connected to an approved sewage disposal system.

PROJECT IDENTIFICATION

- A. Project identification signage construction and location shall meet the latest requirements of Section BC 3301.9.
- B. Maintain the sign for the duration of the Work of the Project as per Section BC 3301.9:
 1. Panels are to remain legible and good structural condition, securely attached, level, plumb, and free of sharp edges, protruding nails and similar hazards.
 2. If deemed necessary, in the opinion of the FIT, repaint all or portions of the sign (except for lettering and artwork), supports and appurtenances, at the Contractor's expense.
- C. No other signs or advertisements shall be displayed on the Site, except as required by the Contract or required by Building Code.

TREE PROTECTION

- A. Provide adequate protection for the duration of the Project Work for existing trees which are to remain at the Site. Contractor shall bear the expense of replacing trees that are damaged.
- B. No trees shall be disturbed or removed, unless otherwise instructed and permitted.

SCAFFOLDING

- A. General:
 1. The Contractor shall furnish and securely set Scaffolds required for the Work.

2. All Scaffolds shall be of good, sound materials, of adequate dimensions for its intended use and substantially braced and tied to ensure absolute safety for its users, college personnel, and the public.
3. Scaffolds shall be in conformance with the requirements of the New York City Building Code and all laws and regulations having jurisdiction.

B. Exterior Scaffolding

1. Suspension Scaffolds:

Contractor shall furnish access and all necessary equipment, tools, scaffoldings and experienced crew required for examination of and all repairs to the brick masonry, windows, steel, copings, soffits, concrete spandrels, roof parapets, setback terraces and all other facade and superstructure building components.

2. Roof hung scaffolds are to be outrigger type only. No scaffolds are permitted to be hung from parapet walls by hooks under any circumstances.
 3. Contractor to take all required precautions to prevent outrigger scaffold installations from damaging the roof or interior spaces below. It is recommended that the contractor inspect and photograph roof areas prior to installation of scaffolding or performance of the work to document pre-existing conditions of damage. Damage to interior finishes, including cracking of plaster at walls and ceilings, caused by the work or equipment installations will be subject to damage claims against the contractor by the FIT.
 4. All scaffolds and scaffold crews are to be fully certified, with permits filed and approved as required by the Department of Buildings. Contractor to submit to Architect/Engineer approved rigging drawings and copy of rigger's license prior to start up of any scaffold work.
2. All Other Types of Scaffolds (Supported Scaffolds):
- a. Supported Scaffolds shall have a completely rigid supporting system, transferring all vertical loads to the ground, sidewalk shed, or building structure below.
 - b. All applications shall be submitted by a licensed professional Engineer or Architect.

- c. Scaffolds shall be checked by a licensed Professional Engineer hired by the Contractor, who shall inspect and certify that Scaffolds installed comply with the manufacturer's specifications and the New York City Building Code and all laws and regulations having jurisdiction and are safe to perform the Work of the Contract. The Contractor shall submit such certification to the FIT and display a copy at the job site for verification.
- d. Scaffolds shall not be anchored to the outer wythe of masonry or stone walls for lateral bracing.
- e. Lateral bracing shall be anchored by one or more of the methods described in subparagraphs 1), 2), or 3), below. Prior to erection of the Scaffolds, the Contractor shall submit the method(s) to the A/E & FIT for review and approval. The submittal shall be prepared, signed and sealed by a Registered Architect or licensed Professional Engineer, and this Architect or Engineer shall certify the structural adequacy of all anchorage methods to be utilized for the Project.
 - 1) Provide anchorage through the outer wythe of masonry into the second wythe of masonry. The existing wall must be of solid masonry construction.
 - 2) Secure Scaffolds to the building structural steel or reinforced concrete member.
 - 3) If the Contractor finds an alternate method of bracing preferable, the Contractor shall submit the proposed alternative method, certified by the Contractor's Architect or Engineer, to the FIT for review and approval.
- f. The Contractor shall be responsible for the stability and safety of the Scaffolds and anchorage until their removal, and for restoration of the entire wall where damaged or disturbed by bracing.

SIDEWALK SHEDS, PROTECTIVE SHEDS, FENCES, CHUTES, ETC.

- A. Provide and maintain sidewalk sheds and on-site protective sheds as specified in Safety Program.
- B. Sidewalk sheds, on-site protective sheds, fences, railings, over-the-sidewalk chutes, and other such temporary facilities shall be filed by the Contractor and shall meet the requirements for design and color as required by Section BC 3307. All applications shall be submitted by a licensed professional Engineer or Architect. Include all required design and location information as required by

Section BC 3307 on the filed documents. Notify the Department of Buildings within two days of removing sheds.

- C. Sidewalk sheds and on-site protective sheds shall be constructed to provide complete, continuous protection as required by applicable regulations and the Contract Documents, without gaps or openings between protective elements, or between the shed and the face of building where the shed abuts the building.
- D. Provide vandal resistant light fixtures with wire guard, and with self-ballasted compact fluorescent lamps or LED lamps. Provide and maintain temporary lighting at all times, inspecting daily at a minimum. Make repairs due to vandalism and replace burned out lamps immediately.
 - 1. Temporary lighting wiring shall be run in rigid galvanized conduit (RGC). The conduit shall be run exposed and secured, in an approved manner, below the shed. The Contractor shall provide branch circuit wiring from a panel in the building and run three THW conductors (Black-White-Green) per circuit. Sidewalk shed plans submitted shall include type of fixtures, type and rating of light source, horizontal spacing of fixtures, vertical height above sidewalk, and type of conduit.
 - 2. All temporary wiring shall be installed in accordance with the requirements of the Bureau of Electrical Control as per NYCDOB Policy Notice 99-9. A temporary certificate of inspection issued by that Bureau shall be obtained by the Contractor and delivered to the FIT's Representative.
 - 3. As per Section BC 3307.6.4.8, all lamps shall have a minimum luminous efficacy of 45 lumens per watt or greater and be rated to operate at temperatures of 5°F and higher.
 - 4. Provide a minimum of 2 foot-candle measured at the level of sidewalk walking surface. Photosensors shall be utilized to control lighting according to the amount of daylight available and shall be equipped for fail-safe operation such that if they fail, the lamps will provide the required lighting levels.
- E. Tamper-Resistant Fasteners: All fasteners and connections used in the construction of sheds shall be tamper-resistant type. Tamper-resistant fasteners shall be used in such manner as to prevent unauthorized removal or loosening of any part of the shed. Specialized tools shall be required for removal.
 - 1. Provide tamper-resistant fasteners for connection of all components and materials of the shed, including but not limited to pipe bracing, pipe railings, beam clamps, couplings, outriggers, extensions, protective guards, and enclosure walls built around the perimeter of the shed deck.

Non-tamper resistant nuts, bolts, screws, nails, and pins are prohibited unless used in conjunction with a device which makes the entire connection assembly tamper-resistant.

2. Bolts shall have tamper-resistant heads or shall be welded to prevent removal. Screws shall have tamper-resistant heads such as Torx or socket security hex head with center pin.
3. Tamper-resistant nuts
 - a. Nuts shall be conical shape with multiple slots, requiring specialized socket tool for installation and removal. Corrosion resistant zinc alloy (Zamac 5 - AC41A). Compressive strength, 87,000 psi. Shear strength, 38,000 psi. Impact strength (CHARPY), 48 ft.lbs. Hardness BHN, 91. Size and threads as required to suit studs and bolts. Remove all sharp edges. Manufacturers:
 - 1) Trident Tamper-Resistant Nuts; Tanner Bolt & Nut Corp., 4302 Glenwood Road, Brooklyn, NY 11210. Telephone 718 434-4500.
 - 2) Trigroove Tamper-Resistant Nuts; Fastenal Company, Farmingdale, NY. Telephone 516 391-0980.
 - b. Provide zinc plated hex nuts, cylindrical spacers, and/or washers beneath tamper-resistant nuts where required for a proper connection. Fully tighten the entire assembly for tamper resistance. The diameter of the tamper-resistant nut shall not exceed the outside dimension of a hex nut or spacer beneath it, in order to prevent unauthorized removal.
 - c. Fully tighten all fasteners. Wherever a standard nut is used it shall be fully tightened and a tamper-resistant nut shall be installed over it to prevent unauthorized removal. Where through bolts or rods are used, provide tamper resistant devices at both ends, or weld one end to prevent turning.
- F. Provide all required daily and periodic inspections as required by Section BC 3307 and maintain protective in good working order.
- G. Protection of adjoining roofs shall meet the requirements of Section BC 3309.10. Protection of adjoining windows shall meet the requirements of Section BC 3309.14.

- H. Protect all unenclosed openings for the duration of the project in accordance with Section BC 3308.

CONSTRUCTION WASTE MANAGEMENT

SUMMARY

- A. This Section includes requirements for the following:
 - 1. Recycling non-hazardous demolition and construction waste.
 - 2. Disposing of non-hazardous demolition and construction waste.

DEFINITIONS

- A. Construction Waste: Building and site improvement materials and other solid waste resulting from construction, remodeling, renovation, or repair operations. Construction waste includes packaging.
- B. Demolition Waste: Building and site improvement materials resulting from demolition or selective demolition operations.
- C. Disposal: Removal off-site of demolition and construction waste and subsequent sale, recycling, reuse, or deposit in landfill or incinerator acceptable to authorities having jurisdiction.
- D. Recycle: Recovery of demolition or construction waste for subsequent processing in preparation for reuse.

SUBMITTALS

- A. Waste Management Plan: Submit 3 copies of plan within 14 days of date established for the Notice to Proceed.
- B. Waste Reduction Progress Reports: Concurrent with each Application for Payment, submit three copies of report. Include separate reports for demolition and construction waste. Include the following information:
 - 1. Material category.
 - 2. Generation point of waste.
 - 3. Total quantity of waste in tons or by volume.

4. Quantity of waste recycled, both estimated and actual in tons or by volume.
- C. Waste Reduction Calculations: Before request for Substantial Completion, submit three copies of calculated end-of-Project rates for salvage, recycling, and disposal as a percentage of total waste generated by the Work. Submittal shall be on the attached form.
- D. Recycling and Processing Facility Records: Indicate receipt and acceptance of recyclable waste by recycling and processing facilities licensed to accept them. Records shall be in the form of manifests and weight tickets.
- E. Landfill and Incinerator Disposal Records: Indicate receipt and acceptance of waste by landfills and incinerator facilities licensed to accept them. Records shall be in the form of manifests and weight tickets.

QUALITY ASSURANCE

- A. Regulatory Requirements: Comply with hauling and disposal regulations of authorities having jurisdiction.
- B. Waste Management Conference: Conduct conference at Project site. Review methods and procedures related to waste management including, but not limited to, the following:
 1. Review and discuss waste management plan including responsibilities of Waste Management Coordinator.
 2. Review requirements for documenting quantities of each type of waste and its disposition.
 3. Review and finalize procedures for materials separation and verify availability of containers and bins needed to avoid delays.
 4. Review procedures for periodic waste collection and transportation to recycling and disposal facilities.
 5. Review waste management requirements for each trade.

WASTE MANAGEMENT PLAN

- A. General: Develop plan consisting of waste identification, waste reduction work plan. Include separate sections in plan for demolition and construction waste. Indicate quantities by weight or volume, but use same units of measure throughout waste management plan.

- B. Waste Identification: Indicate anticipated types and quantities of demolition, site-clearing and construction waste generated by the Work. Include estimated quantities and assumptions for estimates.
- C. Waste Reduction Work Plan: List each type of waste and whether it will be salvaged, recycled, or disposed of in landfill or incinerator. Include points of waste generation, total quantity of each type of waste, quantity for each means of recovery, and handling and transportation procedures.
 - 1. Recycled Materials: Include list of local receivers and processors and type of recycled materials each will accept. Include names, addresses, and telephone numbers.
 - 2. Disposed Materials: Indicate how and where materials will be disposed of. Include name, address, and telephone number of each landfill and incinerator facility.
 - 3. Handling and Transportation Procedures: Include method that will be used for separating recyclable waste including sizes of containers, container labeling, and designated location on Project site where materials separation will be located.

PLAN IMPLEMENTATION

- A. General: Implement waste management plan as approved by FIT. Provide handling, containers, storage, signage, transportation, and other items as required to implement waste management plan during the entire duration of the Contract.
 - 1. Comply with Section "Temporary Facilities and Controls" for operation, termination, and removal requirements.
- B. Waste Management Coordinator: Designate a site staff person or persons as a waste management coordinator to be responsible for implementing, monitoring, and reporting status of waste management work plan. Coordinator shall be present at Project site full time for duration of Project.
- C. Training: Train workers, subcontractors, and suppliers on proper waste management procedures, as appropriate for the Work occurring at Project site.
 - 1. Distribute waste management plan to everyone concerned within three days of submittal return.
 - 2. Distribute waste management plan to entities when they first begin work on-site. Review plan procedures and locations established for salvage, recycling, and disposal.

- D. Site Access and Temporary Controls: Conduct waste management operations to ensure minimum interference with roads, streets, walks, walkways, and other adjacent occupied and used facilities.
 - 1. Designate and label specific areas on Project site necessary for separating materials that are to be salvaged, recycled, reused, donated, and sold.
 - 2. Comply with Section "Temporary Facilities and Controls" for controlling dust and dirt, environmental protection, and noise control.

RECYCLING DEMOLITION AND CONSTRUCTION WASTE, GENERAL

- A. General: Recycle paper and beverage containers used by on-site workers.
- B. Recycling Incentives: Revenues, savings, rebates, tax credits, and other incentives received for recycling waste materials shall accrue to Contractor.
- C. Procedures: Separate recyclable waste from other waste materials, trash, and debris. Separate recyclable waste by type at Project site to the maximum extent practical.
 - 1. Provide appropriately marked containers or bins for controlling recyclable waste until they are removed from Project site. Include list of acceptable and unacceptable materials at each container and bin.
 - a. Inspect containers and bins for contamination and remove contaminated materials if found.
 - 2. Stockpile processed materials on-site without intermixing with other materials. Place, grade, and shape stockpiles to drain surface water. Cover to prevent windblown dust.
 - 3. Stockpile materials away from construction area. Do not store within drip line of remaining trees.
 - 4. Store components off the ground and protect from the weather.
 - 5. Remove recyclable waste off FIT's property and transport to recycling receiver or processor.

DISPOSAL OF WASTE

- A. General: Except for items or materials to be salvaged, recycled, or otherwise reused, remove waste materials from Project site and legally dispose of them in a landfill or incinerator acceptable to authorities having jurisdiction.

1. Except as otherwise specified, do not allow waste materials that are to be disposed of accumulate on-site.
 2. Remove and transport debris in a manner that will prevent spillage on adjacent surfaces and areas.
- B. Burning: Do not burn waste materials.
- C. Disposal: Transport waste materials off FIT's property and legally dispose of them.

SAFETY PROGRAM

SAFETY PROGRAM REQUIREMENTS

- A. Establish and implement a Site Safety Program to ensure protection of persons and property on the Site and surrounding areas.
- B. As part of the Site Safety Program, prepare a Site Safety Plan.
- C. The Site Safety Program shall be in compliance with the most stringent requirements of the FIT's Site Safety Manual; the **2014** New York City Building Code including, but not limited to, Chapter 33 entitled "Safeguards During Construction or Demolition"; the New York City Fire Code and other codes and regulations having jurisdiction. As part of the Site Safety Program, provide additional precautions and safeguards as indicated on the Drawings, as specified herein, and where required for proper protection of persons and property.

SUBMITTALS

- A. Site Safety Plan
 1. Submit for review a Site Safety Plan to the FIT's Safety Unit within 5 days of Notice to Proceed (NTP).
 2. The Site Safety Plan shall be prepared, signed and sealed by a N.Y.C. licensed Site Safety Manager certified by the New York City Department of Buildings.
 3. The Site Safety Plan shall include, but not be limited to, the following:
 - a. Complete plans of the entire site, including building interiors, areas inside the property line, and surrounding areas outside the property line.
 - b. Location of sidewalk sheds, fences, egress ways inside the building, sanitary facilities, Scaffolding, fire protection, demolition

safety zone and all other required elements. Indicate all areas of the building, site and surrounding areas that will be impacted by the Work. Show temporary facilities, equipment, work areas, storage areas, contractor's access ways, and all locations where the public or college occupants may be affected in the course of the Work.

- c. Separate drawings for multiple phasing periods, if applicable.
4. Conduct all inspections and probes necessary to determine the impact of the Work on areas adjacent to, and above or below the Work areas. Include all affected areas in the Safety Plan.

COORDINATION AND SAFETY MEETINGS

- A. When directed by the A/E & FIT's Representative, attend a meeting with college officials to coordinate the Safety Program with college functions and the construction schedule.
- B. Schedule and attend all safety meetings as described in the FIT's Safety Manual. Safety meetings shall be held at least once per week.

SAFETY FACILITIES AND CONTROLS

- A. Provide and maintain all temporary facilities and controls required for implementation of the Site Safety Program.
- B. Provide sidewalk sheds where indicated in the Contract Documents, where required by law, and wherever the Work has the potential of creating an overhead hazard that could lead to serious injury or death.
- C. Unless approved in writing by the A/E, FIT & NYCDOB (if necessary), sidewalk sheds, on-site sheds, and fences shall not be dismantled or relocated as work proceeds at various locations of the building. All protection shall remain in place at all times until the A/E or FIT's Representative directs its removal in writing.
- D. Protective sheds located within the property line, on-site, for protection from overhead hazards shall be constructed in the same manner as required by Code and the Contract Documents for sidewalk sheds and shall have the same auxiliary elements including electrical lighting.
- E. Where overhead protection is required, partial closing of sidewalks or streets will not be permitted. Proper protection shall be provided by means of sidewalk sheds.

- F. Protect all unenclosed openings for the duration of the project as required by Section BC 3308 of the 2014 NYC Building Code.**

CORRECTION OF SAFETY DEFICIENCIES

- A. No unsafe condition shall be left uncorrected.
- B. Where a deficiency noted during a safety inspection does not entail the existence of a hazardous condition, the maximum time for correction of the deficiency shall be 24 hours, except where a shorter response time is required by the FIT, other Contract Documents, local regulations, or the FIT's Representative. New York City Fire Department inspection deficiencies and all hazardous conditions shall be acted upon immediately and corrected before leaving the site.

PRODUCT SUBSTITUTIONS

SUMMARY

- A. Products, materials, systems and equipment (collectively called “products”) specified within the technical sections and Drawings shall be used for this Project unless approval for submitted “or Equal” substitutions is obtained from the A/E.
- B. Consideration for approval of substituted “products” is as stipulated in Article 4 of the General Conditions, entitled "Or Equal Clause".
- C. The Contractor shall allow ample time, as stipulated by below, for the FIT to review each substitution submission. If at any time during the review process the Contractor believes that the review process is adversely affecting the completion dates, the request is to be considered denied. The Contractor shall immediately proceed with submitting and utilizing the specified product(s). Under no circumstances will an extension of time be granted nor additional costs be paid for any reason whatsoever relating to the review process.
- D. Basis of Design: “Products” specifically designated on the drawings by manufacturer name(s) and model numbers are the Basis of Design. Use of “products” of other manufacturers meeting the requirements of the specification, including those manufacturers and products listed in the specification, shall be considered an “Or Equal” substitution. Factors for consideration shall include function, dimension, in-service performance, physical properties, appearance, and other characteristics. If an “Or Equal” product will not fit into the location designed, the “product” is not to be submitted.
- E. The Contractor’s request for substitutions with “alternate” “products” (those that do not meet the Contract requirements, i.e. not an “or Equal”) will be evaluated on a case-by-case basis within the sole discretion of A/E & the FIT.

- F. Do not propose substitutions that do not comply with the sustainability requirements indicated in the Specification Sections.

SUBMITTALS

A. Substitution Submittal Schedule

1. The construction completion dates shall not be adversely affected by the substitution of specified items. Complete requests for substitutions must be submitted so as to allow sufficient time for review, fabrication, delivery, installation, and all construction modifications necessitated by the substitution. Should the package be incomplete, additional information will be requested by the A/E & FIT. The additional information must be submitted with the same time considerations.
2. Requests for substitution will only be considered if received in a time frame that will allow for the review process required by this specification as well as ordering of the material without delay to the project, whether the product is approved or disapproved. At a minimum, product must be submitted ninety days prior to the intended ordering date of the item that will allow installation to commence per the Detailed Baseline Project Schedule. The Contractor is responsible for determining the actual submission time frame required to go through the substitution process, account for submission of a specified item in case the proposed product is rejected, and manufacturer and delivery time to the project site.
3. Within twenty-one days of receipt of the request for substitution to the Architect/Engineer of Records Office, the A/E & FIT may request additional information or documentation for the evaluation of the request. Within forty-two days of receipt of the original request, or twenty-one days of receipt of the additional information or documentation, whichever is later, the FIT will notify the Contractor of acceptance or rejection of the proposed substitution. If a decision on the use of a proposed substitute cannot be made or obtained within the time allocated, the Contractor must use the products specified by name. No time extensions will be granted due to the approval process or the rejection of a substitution.

B. Substitution Submittal Procedure

1. Each substitution submitted to the FIT for consideration shall be separate and distinct from a regular submittal and stamped as such. Each request shall identify the material, item of equipment, installation method etc. proposed for substitution. Include the related Contract Specification and Contract drawing numbers(s). Provide complete documentation showing

compliance with the specified requirements. Such documentation shall include, but not be limited to the following:

a. Product Data, including drawings, fabrication, and installation procedures.

b. Samples, where samples of the specified product are required, or subsequently requested.

c. A detailed comparison of significant qualities of the proposed substitution with those of the material or work specified. Significant qualities may include elements such as size, weight, durability, performance, life cycle, visual effect, code compliance, maintenance requirements, energy code compliance, compatibility with other portions of the Work, and environmental considerations.

d. Coordination information, including a list of changes or modifications to be made to other parts of the Work including the Work to be performed of other trades and for construction performed by others that will become necessary to accommodate and to accept the proposed substitution. **Provide coordination drawings showing the interface and changes to the original design for all trades to expedite the review and subsequent filing of the changes.**

e. Warranty information, with any deviations from the Contact requirements highlighted.

f. For alternate substitutions, the submittal must clearly demonstrate the benefit, in cost, of implementing the substitution.

2. Failure by the Contractor to include the above requirements in the submittal may cause rejection of the submittal in its entirety.

APPROVAL DECISION

A. The decision for approval or rejection of a product substitution shall rest with the A/E & the FIT.

ACCOMMODATIONS FOR SUBSTITUTIONS

A. The costs of all accommodations and modifications **to the structure or systems** necessitated by the use of an accepted “or Equal” or “alternate” substitution (e.g. steel modifications, revised openings, added supports, power modifications, etc.) shall be borne by the Contractor. Furthermore, the Contractor shall be responsible for any fees charged by the Designer of Record which relate to acceptance and incorporation of the substitution into the Design Documents.

OPTIONS

- A. When Contractor's options are allowed for use of certain products, materials, systems, and equipment for this Project, conditions shall be as set out in the respective technical Sections.

MATERIAL AND FINISHES MAINTENANCE MANUALS

- A. The Contractor shall refer to the individual technical Specification Sections for the products and materials that require such manuals to be provided and for additional information on the care and maintenance of materials and finishes that shall be included in the manual.
- B. Provide one section for architectural products, including applied materials and finishes, and a second section for products designed for moisture protection and products exposed to the weather.
- C. Architectural Products

Provide manufacturers' data and instructions on care and maintenance of architectural products, including applied materials and finishes.

- 1. Manufacturer's Data: Provide complete information on architectural products, including the following information, as applicable:
 - a. Manufacturer's catalog number.
 - b. Size.
 - c. Material composition.
 - d. Color.
 - e. Texture.
 - f. Reordering information for specially manufactured products.
- 2. Care and Maintenance Instructions: Provide information on care and maintenance, including manufacturer's recommendations for types of cleaning agents to be used and methods of cleaning, highlighting any item that could be damaged by normal/standard cleaning methods. Information regarding cleaning agents and methods that could prove detrimental to the product shall also be included. Include manufacturers' recommended schedule for cleaning and maintenance.

D. Moisture-Protection and Weather-Exposed Products

Provide complete manufacturers' data, including instructions for inspection, maintenance and repair of products exposed to the weather or designed for moisture protection purposes.

1. Manufacturers' Data: Provide manufacturers' data, including the following detailed information, as applicable:
 - a. Applicable standards.
 - b. Chemical composition.
 - c. Installation details.
 - d. Inspection procedures.
 - e. Texture.
 - f. Reordering information for specially manufactured products.
 - g. Maintenance information.
 - h. Repair procedures.
2. Care and Maintenance Instructions: Provide information on care and maintenance, including manufacturer's recommendations for types of cleaning agents to be used and methods of cleaning, highlighting any item that could be damaged by normal/standard cleaning methods. Information regarding cleaning agents and methods that could prove detrimental to the product shall also be included. Include manufacturers' recommended schedule for cleaning and maintenance.

EXISTING PREMISES WORK

PART 1 - GENERAL

SITE REQUIREMENTS

- A. Noise Control: Provide mufflers on all equipment to be used by the Contractor. Observe local laws regarding noise control.

HEALTH AND SAFETY

- A. Toxic Effects: The Contractor shall assume all responsibility for any toxic effects to workers from the dusts, vapors or residues generated in their work, including the use of any substances or equipment used by the Contractor during construction.
- B. Chemical/Biological Hazards: The known chemical/ biological hazards on site include lead-based paint containing material, PCB containing ballasts, asbestos containing materials, and debris. The Contractor shall provide materials, equipment and training to its workers to ensure their protection from these and any other hazards which may be identified during the work. All personnel who work with ACM shall have appropriate asbestos certifications.
- C. Physical Hazards: The Contractor shall provide safety equipment and training to his workers to ensure their protection from any physical hazards including but not limited to trip/fall hazards, working at elevation, heat stress, contact with energized (hot) active equipment, noise, overhead bump hazards, and electrical shock that may be present during the Work.
- D. OSHA Regulations: The Occupational and Safety Health Administration (OSHA) regulations (29 CFR 1926 and 1910) applicable to the work shall be strictly complied with during the course of this project by the Contractor's workmen, tradesmen, materialmen, and subcontractors, and of visitors to the project site. This includes, but is not limited to, the OSHA Hazard Communication Standard (29 CFR 1910.1200) requiring training employees, access to hazardous material information and warning labels.
- E. Accident Prevention: The Contractor shall provide and maintain all safety measures necessary to properly protect workmen, comply with the latest edition of the "Manual of Accident Prevention in Construction" issued by the Associated General Contractors of America, Inc. and maintain an accurate record of all accidents which occur during the project. The Contractor shall immediately report an injury or loss of life to the FIT, and a copy of the accident report to his insurer provided.
- F. Emergency Response: The Contractor shall establish an Emergency Response Team made up of members of his work force trained for and capable of responding to an accident, fire, or other emergency. The Contractor shall designate a site Safety Coordinator to train the team on location and use of site fire/life safety equipment. At minimum, the Team shall be knowledgeable in first aid, CPR, fire extinguisher use, and evacuation procedures.
- G. Emergency Actions: In an emergency affecting the safety of life, the work, or adjoining property, the Contractor, to prevent such threatened loss or injury

without special instruction or authorization from the FIT or the Engineer, is hereby permitted to act at his discretion.

WORK SUPERVISION AND COORDINATION

- A. Contractor's Supervisor: From the start of work through completion, the Contractor shall have a responsible and competent supervisor who shall meet the qualifications described below, on site during all working hours. When the Supervisor must leave site during work, a temporary Supervisor shall be appointed.
- B. Quality of Work: The Supervisor shall supervise and inspect the Work competently and efficiently, devoting such skills and expertise as necessary to ensure the Work is performed in accordance with the Contract Documents, and that all Work is of good quality and workmanship.

SUBMITTALS

A. Pre-Project Submittal:

1. Waste Management Plan

A Waste Management Plan for PCB and Universal Waste shall be prepared by the Contractor and the Contractor must obtain approval of the Waste Management Plan by FIT a minimum of two weeks prior to the start of site activities. In the Waste Management Plan, the Contractor shall provide, at a minimum:

- a. Licenses and certifications, for all personnel to be used on the project.
- b. Provide a listing, including company name, name of owner, and address of facility, of the off-site disposal facility(ies), for the specific material to be disposed and a copy of each facility's permit (NYSDEC and/or equivalent out of state) and a complete listing of the facility's pre-acceptance testing and disposal requirements for the specific material.
- c. Provide a listing, including company name and address, of proposed waste haulers. Provide for each proposed waste hauler a copy of the valid 6 NYCRR 364 Waste Transporter Permit. Contractor shall furnish a list approved by the FIT that identifies the make, model, truck number and registration plate number of each of the trucks that shall transport the material to the designated

facility(ies). All proposed destination facilities, listed as required above, shall be listed in the waste transporter permits provided.

- d. If applicable, provide a completed waste profile form for the proposed facility(ies) along with a cover letter on Contractor letterhead certifying that the Contractor has provided the disposal facility with the analytical data. Contractor must verify in writing that full disclosure has been provided to the disposal facility.
 - e. Specimen copy of the waste manifest, partially completed.
 - f. Permits for the Transporters (364, A901, EPA Transporter ID, PCB Handler, etc); and
 - g. Approval letters from the final disposal facility to the TSDf, and from the TSDf to the Contractor.
2. Provide Certificates of Insurance naming the FIT and the Design Architect of Record as additional insured.
 3. Health and Safety Plan (HASP): Provide a written HASP to protect workers and college occupants from possible hazards based on the Contractor's evaluation of tasks to be performed, (including ACM, hazardous wastes and universal wastes), and addressing procedures for work place safety (including meeting 29 CFR 1926.62 for lead-based paint considering the OSHA Permissible Exposure Limit (PEL) for PCBs instead of lead as the trigger for applicable requirements). The lead standard provisions considered relevant to PCB include exposure assessment, compliance program, protective work clothing and equipment, housekeeping, hygiene facilities and practices and employee information and training. An acceptable alternative program would be equivalent to that for ACM. The Contractor shall submit the HASP at least two (2) weeks prior to commencing construction activities for FIT review addressing, at minimum:
 - a. Hazard Communication. Identification of physical and health hazards associated with the work, communication to employees, and name of the person responsible for Hazard Communication Program implementation.
 - b. Heat stress assessment/prevention Guidelines.
 - c. Procedures for using ladders safely.
 - d. Electrical safety procedures.

- e. Hazard/exposure assessments and determination of engineering controls, Personal Protective Equipment and/or monitoring needed to ensure exposure is within OSHA requirements.
 - f. Training.
 - g. Certifications (e.g., asbestos, for ACM work).
4. Emergency Action Plan: Provide a written Emergency Action Plan that outlines actions to be performed for emergencies including fire, accident, power failure, safety system failure, breach of work area dust barrier, unexpected hazardous material or waste contamination at the site or adjoining grounds, or hazardous material or waste releases. This Plan shall identify how emergencies are announced, escape routes, and procedures to account for all employees after evacuation. The Plan shall identify persons responsible for fire/life safety duties including Site Safety Coordinator, fire prevention equipment and control of fuel hazards, and the Emergency Response Team (see Paragraph "Emergency Response") It shall be readily available for review by all workers.
 5. Fall Protection Plan: Provide a written Fall Protection Plan that outlines actions to be performed to protect personnel working at elevation including specific fall protection devices to be used, training provided to personnel for same and training of designated competent person in charge of and responsible for the elevated work site.
 6. Provide proof of arrangements for transport and disposal of hazardous, universal wastes with transporter and disposal or recycling sites that are permitted to accept wastes with the constituents known to be present (e.g., asbestos, PCB, etc.). Provide copies of permits for the hazardous waste hauler, and disposal or recycling site (including each disposal and transit state) to the FIT at least three (3) weeks prior to commencing construction activities for FIT review. If pre-work survey testing indicated there is no lead-based paint this submittal for lead is only required upon receiving results from waste testing which indicate that construction waste is hazardous waste due to lead.
 7. Provide manufacturer's literature on all proposed job related equipment and products to be used on this project that require FIT approval. Provide Material Safety Data Sheets (MSDS) for chemicals to be used (e.g., solvents, wetting agents).
 10. Provide a sample of the daily log proposed for use. Minimally, it should include date(s) and time(s) when all personnel enter and leave lead-based paint or other hazardous material work area(s).

11. Structural Stability Drawings
12. Occupant Protection Plan
 - a. Provide an “Occupant Protection Plan” as required by Section BC 3303.10.
 - b. Plan must be maintained at site for duration of the project.

B. During Work Submittal:

1. Schedule of Work Changes: Any changes in the Schedule of Work proposed by the Contractor shall be submitted for approval within seven days of the commencement date of the proposed change. Submit a revised Schedule at the end of each week.
2. Submit all waste analysis results used to determine if construction waste is hazardous and a copy of waste profiles approved by the disposal sites immediately upon receipt by the Contractor.
3. Evidence that those signing manifests have received DOT Hazardous Materials Shipping Training (initial and refresher every 3 years per USDOT regulations).
4. A signed, and completed copy of each waste shipping record form used (e.g., hazardous waste manifests, universal and electronics waste shipping papers), associated submittals (e.g., Land Disposal Ban notifications/certifications), and records of the disposal facility’s acceptance of the waste, shall be submitted within twenty-four hours of the Contractor’s preparing or receiving them.

C. Post Project Submittal:

1. A copy of the bound logbook.
2. Compilation in chronological order of all project personal air monitoring records, if applicable.
3. Compilation of all completed and signed Waste Shipment Record forms, waste manifests, waste analysis results/waste profiles, bills of lading, or disposal/recycling receipt records pertaining to this project.

PROTECTION

A. General Safety Restrictions

1. Nothing shall be done to in any way block the streets at or about exits, or the exits themselves.
3. There shall be no unauthorized interference with the free and unobstructed use of hallways, stairways, toilets and rooms.
4. Whenever work is carried on during college sessions, not more than one stairway shall be closed off from free and safe use at any time, and this only after written permission is obtained from the FIT. **Closing of a stair or exit will require the Contractor to file a Temporary Egress Plan.**
5. No part of the building or premises shall be closed to the use of the occupants without the permission of the FIT. When such permission has been given, erect temporary partitions and barriers wherever required to ensure the absolute safety of the occupants of the building and premises. **If an entrance or stair is to be closed, the Contractor is to perform an egress analysis and to file a Temporary Egress Plan.**
6. Maintain on the premises a complete file of Material Safety Data Sheets for all materials, arranged by specifications section number. The file shall be available to the FIT's Representative for reference at all times.

B. Precautions Against Fire

1. Take every precaution in the performance of the Work to prevent fires.
2. Smoking shall not be permitted within the premises at any time.
3. New York City Fire Department (FDNY) regulations shall govern the storage and use of flammable materials. Flammable materials and fire-producing equipment shall not be left unattended in locations accessible to pupils. All polyethylene sheeting shall be flame retardant in accordance with NFPA 701.
4. Rubbish shall be removed as hereinafter specified.
5. Fire extinguishers and other protective equipment shall be provided as required by regulations.
6. During all interruptions of Work, flammable mixtures shall be stored in designated locations.

C. Fire Watch

A Fire Watch shall be provided as required by FDNY and as required by pertaining sections of this Contract.

D. Temporary Maintenance of Hazardous Conditions

1. Upon receipt of the Notice to Proceed, carefully inspect all existing work which is required to be repaired, altered or removed. Any such work which is found to be weakened, structurally unsafe or otherwise hazardous, shall be immediately put in a safe condition and so maintained until such time as the permanent work in connection therewith is completed.
2. Any restrictions regarding sequence of operations and locations of work do not apply to the elimination of hazardous conditions; all parts of the premises will be available at all times for the performance of such work.

E. Protection of Property

1. The Contractor shall be responsible for all damage to all new and existing work on the premises due to the Contractor's operations, and shall provide and maintain adequate protection against such damage.
2. The premises shall not be used as a work shop to the detriment of any portion thereof.
3. Provide decking on floors, steps, platforms, pavements and roofs where subject to damage from heavy traffic.
4. Provide protection of existing roofing and flashing and limit traffic to prevent any damage to the existing work. As a minimum provide a protective compressible layer of polyisocyanurate roof insulation board, 1" minimum thickness, over the existing membrane, and cover this cushion layer with a layer of hard protective board.

Where there is a warranty in effect, the protection shall be acceptable to the roofing manufacturer such that the existing roof warranty is not jeopardized. Obtain the manufacturer's written approval of the protection methods and submit it to the FIT prior to beginning work on the roof.

5. Protect doors and door jambs when conveying rubbish and materials.
6. Provide and maintain barricades to confine dust to work areas.

7. Provide watertight enclosures over openings at roof and walls; provide watertight protection where tank houses, bulkheads and other roof structures are removed; remove temporary waterproofing protection for installation of new permanent work.
8. All damage to adjoining work due to failure to provide adequate protection shall be corrected by the Contractor at the Contractor's expense.
9. After completion of the Work, the Contractor shall thereafter protect Work until it is accepted.

F. Protection of Public

1. The Contractor shall be responsible for all injury to persons due to the Contractor's operations and shall provide and maintain adequate protection against such injury.
2. Provide guards, rails, barricades, fences, sidewalk sheds, catch-platforms, decking, night lighting, and all other items as required by New York City Building Laws and as further required to provide adequate protection.
3. Protect sidewalks and curbs around the premises so they may be safely used by the public at all times.
4. Provide barricades around work areas as required to prevent pupils and other unauthorized persons from entering therein.
5. Prevent exposure of persons to hazardous materials, offensive odors, noxious or toxic fumes or gases. Ensure that such contaminants are not re-circulated through the ventilation systems, or through windows and openings, to occupied areas. Ventilate work areas prior to re-occupancy, to make certain that odors and gases are properly dissipated. Notify the FIT's Representative to conduct an inspection of affected areas prior to re-occupancy.

G. Stability and Integrity of Existing Structures

1. Shoring of members and protection of the existing structure during construction is the responsibility of the Contractor and shall comply with the requirements of the NYC Building Code.
2. The most stringent requirements of the Building Code, Contract Drawings, Specifications, or any authorities having jurisdiction shall govern this Work.

3. Coordinate Work of this Section with Work of all other Divisions so as to properly, and completely, install all Work as indicated on Drawings or specified.
4. The Contractor shall engage the services of a third party Registered Professional Engineer (not a direct employee) to prepare details of bracing, shoring, and other construction required to maintain the structural safety and integrity of the existing structure during construction operations as per Section BC 1704.20.7 of the 2014 NYC Building Code.
 - a. The Contractor's Engineer shall file Form PW-1 with the Building Department, thereby becoming the Engineer of Record for such protection work and is responsible for shoring and bracing of all members requiring such and for preparation of all design and shop drawings and their approval by the Building Department prior to permit. Drawings must be submitted to the Architect/Engineer of Record (AEOR) for review.
 - b. As per Section BC 1704.20.7.1, the documents prepared by the Contractor's engineer shall include requirements for monitoring the subject structure and/or adjacent structures including a monitoring plan, and specify the scope and frequency of monitoring, acceptable tolerances, and reporting criteria when tolerances are exceeded. Any monitoring program required by the Contract Documents shall be included in the Contractors plan.
 - c. The FIT will engage a Special Inspection Agency to perform the Special Inspection described in paragraph BC 1704.20.

POTENTIALLY HAZARDOUS MATERIALS DISCOVERED DURING WORK

- A. The FIT endeavors to identify materials subject to demolition and disturbance that may contain hazardous materials (i.e., asbestos, lead and PCB-containing caulk, mold) prior to defining the work; however, hidden materials may be discovered upon demolition or removal of building components.
- B. Work shall be stopped and the FIT shall be immediately notified whenever caulk, paint or potential asbestos containing material that is not part of a previously sampled homogenous group is discovered. The FIT will confirm whether the material is part of a previously sampled homogenous group or requires sampling and analysis for asbestos, lead and/or PCBs and will determine whether and when work in that area can resume.
- C. Where microbial/mold growth is encountered during construction/demolition operations that has not been previously identified to be removed, or if the quantity of mold encountered differs from what was specified, the Contractor shall notify

the FIT immediately and await further direction for steps to remediate the condition responsibly while ensuring overall occupant, worker and building health. In all cases, the FIT's environmental consultant shall perform the mold assessment. Corrective work to stop the water infiltration source shall occur prior to rebuilding of the area.

PRECAUTIONS AGAINST LEAD PAINT EXPOSURE

- A. Provide precautions against lead paint exposure where existing paint is to be removed or disturbed and the paint is known or assumed to contain lead. When removing or disturbing existing paint on surfaces that have not been tested by the FIT for lead content, the existing paint shall be assumed to contain lead and shall be treated as if it is lead based paint.
1. Where existing paint is to be removed or disturbed, provide dust barriers and other means of containing dust, dirt, paint particles, and debris to the immediate work area. Workers shall not track dust and paint particles through occupied areas. Where possible, provide separate work area access for workers.
 2. Comply fully with OSHA Lead in Construction Standard (29 CFR 1926.62) and the EPA Lead Based Paint Poisoning Prevention Rule (40 CFR 745), most recent version thereof.
 3. Post warning signs clearly defining the work area which read "WARNING: Authorized Personnel Only" along with any other required signs (e.g., for ACM/Lead) posted for the duration of renovation until cleaning verification is completed.
 4. Exterior renovation precautions shall include, but are not limited to:
 - a. Close all doors and windows within 35 feet of the renovation on the same floor as the renovation and on all floors below within the same horizontal distance from the renovation.
 - b. Ensure that doors within the work area that will be used during the work are covered with 6 mil fireproof plastic sheeting in a manner that allows workers to pass through.
 - c. Place 6-mil fire-retardant poly protection on all grade areas including under Scaffolding to collect falling debris. Such protection shall also be placed on roofs and on top of side walk bridges in the vicinity of the work area. Plastic shall be extended from the building to a distance of 15 feet from the building and at least 15 feet laterally beyond each side of the work. Joints must be

taped or otherwise secured to maintain coverage of the required areas and protect plastic from the effects of wind or rain.

- d. Take other necessary precautions to ensure that dust and debris from the renovation does not contaminate other buildings or other areas of the property or migrate to adjacent properties (e.g., promptly removing waste and debris, suspending work and rolling up plastic before high wind conditions, etc.).
6. Prohibited and restricted practices include:
 - a. Open-flame burning or torching of lead-based paint.
 - b. Use of tools that remove lead-based paint through high speed operation (e.g., sanding, grinding, power planing, needle gun, abrasive blasting, or sandblasting) unless equipped with a HEPA dust collection system including an attached shroud connected to a HEPA vacuum system for capture of dust and information on proposed tool model and design is submitted in advance for approval by the FIT.
 - c. Operating a heat gun on lead-based paint is permitted only at temperatures below 1100 degrees Fahrenheit.
 7. Clean-up: Provide daily and work completion clean-up, as a minimum clean-up requirement. Provide more frequent clean-up as conditions require. Provide a thorough final clean up.
 8. Waste Management and Disposal: Segregate waste and debris that contains lead-based paint from all other waste and debris for the purposes of waste characterization to minimize the potential quantity of hazardous waste generated. Place waste in DOT-approved container, remove from premises, and dispose of all existing paint materials, dust, dirt, and debris removed from existing painted surfaces, in compliance with New York City, New York State, and Federal regulations. No painted debris coated with known or assumed lead-based paint shall be transported in open containers at any time during the project..
 9. If caulks are disturbed during paint removal or abatement, analyze the paint waste for total PCBs in addition to lead TCLP testing unless test results are provided by the FIT.

B. Contractors Bid Amount

1. For purposes of bidding, the Contractor's Bid Amount shall include disposal of all painted waste and debris as non-hazardous "Construction

and Demolition” (C&D) waste and disposal of all related project waste (plastic, cleanup waste, water, etc.) in accordance with applicable regulations.

2. The Contract Amount shall be adjusted by Change Order if TCLP testing determines that some or all painted waste is considered hazardous in accordance with Environmental Protection Agency (EPA) Resource Conservation and Recovery Act (RCRA) regulations.

NON-INTERFERENCE WITH COLLEGE FUNCTIONS

- A. Perform the Work in such a manner that normal college functions may be carried on throughout the period of work with a minimum of interference. Before commencing work in any portion of the premises normally used for college functions, meet with the FIT's Representative and the college Principal and perfect a working agreement. Noise shall be kept to a minimum.
- B. In general, the Contractor shall not use or work in rooms, corridors, stairs, or elevators designated for students or college personnel.
- C. The FIT may assign a stair for Contractor use during working hours. Refer to the Phasing Exhibit. The Contractor shall only use the stair for access to floors and shall not in any way obstruct the stair or make it unsuitable for use as an exit by the college's occupants.

FRATERNIZATION

- A. Contractor shall prohibit all contact between Contractor's employees (including Subcontractor's employees and visitors to the site) and the students and college staff.**

WORK SCHEDULE AND PHASING

- A. General
 1. All Work must be performed according to a Work schedule outlined in the Phasing Exhibit that will not disrupt college activities. Any Work that is disruptive to college activities shall be performed as Mandatory Work before or After College Hours.

All decisions affecting the normal operation of the college shall be coordinated with the College's Principal through the FIT's Representative.
- B. Adequate time must be scheduled for projects with removal of ACM wiring or other ACM materials, as these ACM/PCB projects have the added requirement for air sampling and analysis.

D. Voluntary Overtime Work:

When permission to perform overtime or alternate shift Work is requested by the Contractor for the Contractor's own purposes, in order to meet schedules or for the Contractor's own convenience, the Overtime Work (including the cost of overtime custodial services) shall be considered to have been included in the Contract Price and no increase in the Contract Price, or Extra, will be granted for the Overtime Work. Contractor shall pay all incurred overtime custodial services and all costs necessary to maintain the construction operation including but not limited to permits, temporary heat, temporary lighting, and temporary power.

E. Mandatory Overtime Work

If at any time, in the judgment of the FIT, any item of Work is behind the established construction progress schedule, or is causing a delay that will affect the contract completion date, the FIT may order the Contractor to increase The Contractor's Work force or to work the Contractor's forces and the forces of any Subcontractor overtime, at the Contractor's expense, until such time as all items of work have progressed to be in accordance with the accepted construction progress schedule. The Contractor shall pay all incurred overtime custodial services and all costs necessary to maintain the construction operation including but not limited to permits, temporary heat, temporary lighting, and temporary power.

F. Ordered Premium Overtime Work

1. The FIT reserves the right to order and pay for rescheduling any regularly scheduled Work (other than that Work hereinbefore classified under Voluntary and Mandatory Overtime Provisions) as Premium Work or to add Premium Work to the regularly scheduled Work.
2. Such Premium Work will be made by Change Order of Extra Work as identified elsewhere in the Contract Documents.
3. Extra payment for Change Order of Extra Work shall be paid only for the actual difference between "regular labor rates" and "overtime labor rates," and the cost of any additional labor, material, permits, custodial and ancillary services (if any); plus an amount in accordance with the provisions of the Contract for any and all other costs, overhead, and profits that might be incurred by the Contractor, as determined by the FIT.

G. Payment of Fees for Custodial Services/DOB and Other Agency Permits

1. On receiving permission from the FIT to perform Work in the building(s) for ordered Premium Work on Saturdays, Sundays, Holidays and after the regular hours of duty on business days, the Contractor shall obtain a

“custodial permit” and provide compensation for the custodial staff at the rate specified by the custodial contract in force at the time of construction.

2. Obtain and pay for all after hours work permits from the Department of Buildings.

J. Opening Permits (For Work Involving Wet Mopping & Wiping)

1. For work that must be performed on holidays, weekends and after-college-hours, the Contractor shall obtain from the Department of Buildings an "After-Hour Work Permit", and shall arrange to schedule and pay for extra custodial services as specified in paragraph titled "Payment for Custodial Services", in this Article

WATER

- A. Water required for construction may be taken from existing hose bibbs or Janitor's Sink Closets.

ELECTRIC CURRENT

- A. Except where required to maintain proper college functions, the existing electrical outlets on the premises will be available to the Contractor for the operation of low amperage power-driven tools.

STORAGE SPACE

- A. Storage space, if available, will be designated or assigned by the FIT. Interior space will be assigned for storage of material liable to damage by weather. Provide any additional protection required and assume all responsibility for damage to materials. Do not store or temporarily leave materials in locations other than those assigned for storage.

EXISTING MATERIALS

- A. Unless otherwise specified, it is intended that new materials shall be furnished, but if during the progress of Work it is found that existing materials, are sound and of proper quality and dimensions, as required by the Drawings and Specifications, the Contractor may use the such materials, provided they are acceptable and have first been approved in writing by the A/E & FIT, who will determine the proper allowance to be made for the omission of new materials.

USE OF EXISTING COLLEGE ELEVATORS

- A. The use of an existing college elevator is not permitted unless otherwise approved by FIT. If use of an existing elevator is allowed, the Contractor understands that throughout the project duration the elevator will be utilized by the college during college hours. The Contractor shall be responsible for, and must adhere to, the following:
1. The Contractor shall be responsible for, and shall provide all necessary labor and material for, the operation, maintenance and protection of this elevator during the period of its use for this project. The Contractor shall protect walls and floor and shall maintain a clean and proper operating condition in the elevator, pits, shaft ways and machine rooms, and shall bear the cost of making any replacement or servicing required during such operation.
 2. The Contractor shall be responsible for any damage to the elevator during the entire period of such use.
 3. The Contractor shall be responsible for the operation of this elevator from the beginning of the earliest work shift to the end of the latest work shift.
 4. Use of the elevator by another Contractor working at the Site shall be coordinated with the FIT.
- B. Immediately prior to the commencement of the Contractor's use of the College elevator, the Contractor shall have the elevator inspected by a qualified elevator repair subcontractor. The Contractor shall send a written report to the FIT's Field Representative stating the condition of the elevator and any existing damage of the elevator, and all its related operating equipment, particularly describing all damages and deficiencies observed in the condition of any part of the elevator and its related operating equipment. The FIT's allowing the use of an elevator does not in any way imply or otherwise indicate that the elevator is in working condition.
- C. At the conclusion of the Contractor's use of the elevator, the Contractor shall advise the FIT's Field Representative, who shall arrange for an inspection by the FIT to ascertain, aside from the normal depreciation of the equipment, the existence of any damages for which the Contractor shall be responsible and to assure that the elevator is in safe and satisfactory condition.
- D. The Contractor shall remove protection and clean the elevator daily at the completion of the latest work shift.
- E. The hours during which the Contractor may use the elevator shall be as indicated by the Phasing Exhibit.

REMOVAL OF RUBBISH

- A. Remove all rubbish (e.g., dirt, refuse, empty containers and packages, removed materials that become property of Contractor) from the premises as the work progresses. No rubbish of any kind shall be stored in any rooms, halls, passageways or yards and no accumulation of rubbish shall be allowed to remain in or about the premises at any time during the course of the work for more than 24 hours.
- B. Should the Contractor fail to keep the building, /premises and surrounding sidewalks and streets clean and free from rubbish resulting from the Work, then the FIT may have such rubbish removed by others in accordance with the terms of the Contract. In such event, there shall be withheld from any payment to the Contractor a sum determined by The FIT sufficient to cover the cost of removal by other parties.

CLEAN-UP

- A. Daily Cleaning
 - 1. The Contractor shall provide daily wet mopping of floors subject to construction dust in all areas affected by the Work.
 - 2. All vertical and horizontal surfaces shall be cleaned and have a polished appearance and have no accumulation of dust, dirt, marks, streaks, smudges or fingerprints. All lighting fixtures and related work shall be clean.
- B. Upon completion of the Work, the Contractor shall provide thorough clean-up of all areas affected by the Work as follows:
 - 1. In general, clean-up requirements are limited to the removal of all rubbish, spatters, stains, smears, finger marks, foot tracks, from finish surfaces and the broom cleaning of floors, yards, sidewalks, and other areas on the premises that are affected by the Work.
 - 2. Where work that causes the dissemination of dust has been performed in the work area and within two feet of the work area, clean-up operations shall include, in addition to the operations hereinbefore specified, the following:
 - a. All paint chips, waste and debris shall be collected without dispersing any of it and sealed in a disposal container.
 - b. Remove dust mats, construction paper and protective dust barrier sheeting by misting with water, detaching it, folding it dirty side

inward, and either taping to seal it or sealing it in heavy-duty bags. Sheeting separating contaminated rooms from non-contaminated rooms must remain in place until after removing other sheeting. Dispose of sheeting as waste.

c. Inspect all interior and exterior work areas (an EPA certified renovator is required for lead-based paint work inspection). Repeat the above cleaning if any dust, debris or residue is present or as required to restore work areas to the same state of cleanliness existing before work began. Repeat the inspection after re-cleaning.

3. In performing dust-creating work, provide dust enclosures and foot mats to minimize the spread of dust and foot marks.

4. This final clean-up is in addition to the required daily removal of rubbish.

C. Wet Wiping and HEPA Vacuuming

The Contractor shall provide wet wiping, and HEPA vacuuming of all interior surfaces (including furniture) in all areas affected by the Work, immediately prior to the releasing of the areas for college use.

DISPOSAL OF PAINTED WASTE AND DEBRIS

A. Water

1. The Contractor shall not dispose of water used to wash abated surfaces, wash the work area or water used to assist in the removal of paint in the City sewer system without first obtaining a permit for such disposal from the New York City Department of Environmental Protection (DEP). Until such a permit is obtained or the waste water is characterized and disposed at a licensed waste disposal facility (in accordance with paragraphs B and C below), all water shall be containerized as described in Subparagraph C.1 below.

2. The Contractor shall ensure that water is separated from solid waste (i.e., paint residue, chemical stripper) and the method used for separation is clearly described in the DEP application.

3. The Contractor shall test the water for the parameters listed below. In addition, the Contractor may be asked by the DEP to test for other parameters not listed.

- a. Total Petro-Hydrocarbons
 - b. pH
 - c. RCRA Seven Metals
 - d. Cyanide
 - e. Flashpoint
 - f. Total Solids
4. The cost of water testing and analyses, permit application process and off-site disposal is the responsibility of the Contractor.

B. Testing and Hazardous Waste Determination

1. Perform Toxicity Characteristic Leaching Procedure (TCLP) testing of all painted waste and debris streams generated. If there are both lead-based paint areas and non-lead-based paint areas in the scope of work, the waste from lead-based paint areas must be segregated and separately sampled and analyzed. Non-lead-based paint waste stream analysis is required because the TCLP test and thresholds are different from lead-paint test and thresholds. The FIT may waive this requirement, but only if it has prior in-place waste or other data that has already determined whether the waste is hazardous.
 - a. Collect at least one representative composite sample of each waste stream containing LBP painted surfaces and one representative composite sample of each waste containing non-LBP painted surfaces. An example representative sampling and analysis procedure would be to collect at least ten (10) grab samples per waste type with all layers of waste material (plaster/sheetrock, paint, etc.).
 - b. Ship samples under Chain of Custody to an NYSDOH ELAP-certified lab with instructions to composite grab samples into one composite sample per waste type and test Toxicity Characteristic Leaching Procedure (TCLP) extraction for lead.
 - c. All laboratory analysis shall be conducted in an expeditious manner, with results not to exceed 72 hours turnaround.
2. TCLP testing of water is not necessary provided the Contractor has obtained a permit from the DEP for the disposal of water into the City sewer system. If a permit has not been obtained, all water shall be

analyzed for lead and managed according to the procedures described in Section C below.

3. Submit to the FIT the analysis results and waste profile approved by the disposal site indicating the determination of whether the waste is hazardous.

C. Storage and Disposal

1. Package and label waste

- a. All waste (and water if no DEP permit has been obtained for sewer disposal) shall be kept in covered or sealed containers, secured, labeled and stored in a designated secured storage space on site until test results categorize all waste to be hazardous or non hazardous.
- b. Waste shall be stored in a manner that will not allow entry of any hazardous material into the environment (e.g., DOT approved containers). Container lids or bin covers shall be firmly secured, except during filling. The containers shall be marked with the contents, tare weights (for rolloffs), the origin and date of collection of the material and weather resistant indelible ink labels warning of the potential hazards associated with the material. The containers shall be keyed to the samples taken. Hazardous waste shall also be labeled "Hazardous Waste" in accordance with the applicable provisions of 40 CFR 262.32 and 49 CFR 172.304.
- c. All waste, after being evaluated in accordance with the Toxicity Characteristic Leaching Procedure (TCLP) test, shall be disposed of in accordance with all applicable local, Federal, State and county Regulations.
- d. Submit to the FIT for approval information regarding the Hazardous Waste transporter and disposal site permits demonstrating that they are permitted to transport and dispose the waste.

2. Storage of waste on site

- a. Hazardous waste must remain on-site until accepted by a licensed hazardous waste transporter for shipment to a licensed disposal facility.
- b. The site shall be in a suitable location, acceptable to the FIT, on well-drained ground not subject to flooding (40 CFR Part 264.18)

or run-off. The area shall be enclosed by a fence or a designated locked area, adequately protected from vandalism or unauthorized access (40 CFR Part 264.14), and prominent warning signs shall be displayed around the perimeter. If the site is also used for equipment and supplies, the waste containers shall be segregated within the site (e.g., placing in an assigned area surrounded with a temporary "fence" of ribbons or thin rope). All drums shall be placed on pallets or dunnage to prevent corrosive attack from moist soil. The containers shall be arranged so that the labels are visible at all times. A warning sign shall be posted where hazardous waste is being stored reading:

*"HAZARDOUS WASTE STORAGE AREA
NO SMOKING OR EATING"*

Note: At the completion of each work shift, if all hazardous or suspected-hazardous waste generated cannot be stored in a suitable secured area that will prevent unauthorized access to the public (e.g., container with rigid construction materials and a lockable access door), the Contractor shall arrange for the transportation and disposal of the material each day of the project.

3. Transportation requirements

- a. Each waste transporter shall possess a valid Waste Hauler's permit. If the waste is to be transported and disposed of out of New York State, permits from states through which waste will be transported and where it will be disposed may be required. The Contractor shall provide all required permits for review and approval of the FIT.

4. Disposal requirements

- a. Each waste disposal facility shall possess all permits and/or licenses required under, New York City DEP, as well as any other federal, state or local permits or licenses required for removal, packaging, transportation and disposal of hazardous waste. The Contractor shall provide a copy of required permits for review and approval of the FIT.
- b. All hazardous waste removed hereunder shall be lawfully treated and disposed by the Contractor at an EPA permitted Treatment, Storage and Disposal Facility (TSD).
- c. The Contractor shall not ship wastes until TSD facilities and transporters used are approved by the FIT. The FIT reserves the

right to inspect the Contractor's transporters, equipment, equipment storage facility and TSD facility at any time.

- d. All wastes, containers, and other items removed hereunder shall be lawfully treated and disposed of by Contractor within thirty (30) days after removal from the site.
- e. Contractor shall submit evidence to the FIT that those signing manifests have received DOT Hazardous Materials Shipping Training (initial and refresher every 3 years per 49 CFR USDOT regulations).
- f. The Contractor shall immediately forward the "Retained by Generator" copy of all hazardous waste manifests and associated documents (e.g., Land Disposal Restriction notification) to the FIT within 24-hours of the signing of the shipping papers via means when directed by the FIT. Completed shipping documents shall contain the information required under 40 CFR Part 262 Subpart B (hereinafter the "Manifest Form") and 6 NYCRR Part 372.
- g. The Contractor shall immediately notify the FIT in writing of any problems that would require the return of waste to the FIT or of any violation of any environmental law or regulation which would result in any enforcement action related to the waste and, when needed, shall identify an alternative TSD and obtain written approval from the FIT for disposal at such TSD.
- h. The Contractor shall provide completed shipping documents, either "Non-Hazardous Waste Manifest" or "Bills of Lading", for all non-hazardous waste removed from the FIT's property. Shipping documents shall accompany each waste shipment and include information on the quantity and type of waste, the destination and disposal firm accepting the waste, the waste transporter name, and the date shipped.

REMOVAL AND DISPOSAL OF MOLD CONTAMINATED NON-ACM MATERIAL

- A. Non-ACM material previously found and listed to contain mold and scheduled for removal or material that is discovered during the progress of the work to contain mold is to be remediated and disposed of utilizing the following protocols:
 - 1. Effective January 1, 2016, applicable regulations and related support environments include licensing requirements for microbial assessment,

remediation and abatement consultants/contractors as per the New York State (NYS) Department of Labor Law, Article 32.

2. Technical content in support of these requirements is derived largely by source guidance which can be found in current industry-recognized Standards of Care including the New York City Department of Health & Mental Hygiene (NYCDOHMH) document "Guidelines on Assessment and Remediation of Fungi in Indoor Environments" and the United States Environmental Protection Agency (USEPA) document "Mold Remediation in Colleges and Commercial Buildings", with supplemental professional guidance from the Institute of Inspection, Cleaning and Restoration (IICRC) document American National Standards Institute (ANSI)/IICRC S500 2006 document, "Standard and Reference Guide for Professional Water Damage Restoration" and the IICRC S520-2008 document, "Standard and Reference Guide for Professional.

- B. Removal of ACM material containing mold is part of the asbestos abatement process.

LIST OF SUBMITTALS

<u>SUBMITTAL</u>	<u>DATE SUBMITTED</u>	<u>DATE APPROVED</u>
Pre-project Submittals:	_____	_____
1. Waste management Plan		
2. Certificate of Insurance		
3. Health and Safety Plan		
4. Emergency Action Plan		
5. Fall Protection Plan		
6. Manufacture’s literature		
7. Daily log sample for hazardous waste (if any)		
8. PCB Management Plan		
9. Occupant Protection Plan		
During Work Submittals:	_____	_____
1. Schedule of Work Changes		
Post Project Submittals:	_____	_____
1. Log book		
2. Air monitoring records		
3. Completed waste shipment Records (if required)		
4. EPA “Contractor Notification Statement”		
5. Digital photographs		

EXHIBIT A: SAFETY EHS PLAN

EXHIBIT A. SAFETY EHS PLAN

FASHION INSTITUTE OF TECHNOLOGY

**OUTLINE FOR PREPARING WORK-SPECIFIC
ENVIRONMENT, HEALTH AND SAFETY (EHS) PLAN**

Before commencing work on site at FIT, Contractor shall prepare a work-specific EHS Plan and submit the EHS Plan to both the Facilities Management and EHS Departments for review and approval. Such approval shall be given in a timely manner.

I) A work-specific EHS Plan is required in the following instances:

- A) When proposed work will:
 - 1) use regulated hazardous chemicals;
 - 2) have the potential to generate fumes, vapors or dusts;
 - 3) involve cutting torches or other spark-generating equipment (“hot” work);
 - 4) generate any waste;
 - 5) involve high-energy systems or
 - 6) require any type of air monitoring.
- B) When work involves the removal of less than 25 linear feet, or 10 square feet, of asbestos-containing material (that is greater than 1% asbestos). For work involving more than these amounts of asbestos, Contractor must consult with the EHS Department for additional guidelines.
- C) When work involves the use of tools and equipment in areas where FIT employees or students are present.
- D) When work involves construction, other than minor repairs or alterations to on-campus facilities.
- E) When work involves dangerous environments, such as confined spaces, hazardous energy, use scaffolds greater than 10 feet high, or vehicle-mounted articulated booms.

II) Use the outline below to develop the work-specific EHS Plan. Contractor shall amend the work-specific EHS Plan as needed to accommodate work on-campus as it proceeds.

DESCRIPTION OF CONTENTS OF WORK-SPECIFIC EHS PLAN

III) GENERAL INFORMATION – PROJECT PLANNING

- A) List primary information about Contractor’s firm and that of sub-

contractors, if any, Project Name, FIT Bid Number and Contractor's safety-related performance measurements on Table 1.

- B) Describe the scope of work and list a breakdown of its specific tasks.
- C) Provide a project schedule that, at a minimum, shows the anticipated start date of the work, the duration of each phase of the work, the anticipated date of completion of each phase, and the project completion date.
- D) List name of Contractor's on-site EHS Coordinator and the names of all OSHA-competent persons needed to carry out the scope of work on Table 2. The EHS Coordinator shall serve as the primary contact with FIT's Director of EHS Compliance during all work.

IV) WORK-SPECIFIC HAZARD ANALYSIS/RISK ASSESSMENT

- A) Describe each task associated with the work of the project.
- B) List the potential hazards, if any, associated with each task.
- C) Provide copies of Contractor's EH&S program applicable to scope of work.
- D) List the types of protective work practices or personal protective equipment (PPE) Contractor will employ to carry-out each task.
- E) Describe the types of exposure assessments that are needed to address potential hazardous exposures related to the work of the project. These include:
 - 1) Work practices and engineering controls Contractor will use to prevent exposure of Contractor's employees to hazardous chemicals or hazardous energy;
 - 2) Work practices and engineering controls Contractor will use to prevent exposure of FIT students and staff to any detectable chemical exposure;
 - 3) Contractor's use of respiratory protection and other protective equipment (PPE) and
 - 4) Qualitative or quantitative monitoring protocols, personal and area monitoring equipment, and contaminant action levels.
- F) Attach copies of certified documentation of "Hazard Assessment and Equipment Selection" required by 29 CFR 1910.132 (d)(2) that complies with 1910 Subpart I Appendix B for all tasks in the work-specific EHS Plan.
- G) Attach a copy of Contractor's written Hazard Communication Program that OSHA requires for the work-specific EHS Plan.

V) WORK-SPECIFIC ENVIRONMENTAL, HEALTH AND SAFETY ELEMENTS

- A) To address health and safety issues, the work-specific EHS Plan shall:
- 1) Describe criteria for upgrading or downgrading personal protective equipment (PPE) or modifying work practices to control hazardous exposures during the work;
 - 2) Describe criteria Contractor will use to set up exclusion zones, including physical barriers and decontamination zones, as needed to prevent spread of debris and restrict access of unauthorized persons to work areas;
 - 3) List equipment Contractor will use for routine and emergency on-site communication;
 - 4) Describe utility clearance and marking procedures to prevent damage to buried utilities, or to lines, piping, or cables located inside of walls and ceilings, if applicable;
 - 5) Describe decontamination and cleaning procedures for Contractor's employees and equipment to prevent the spread of debris. This includes procedures during work, at the end of each work day, and at the completion of the project before FIT's final inspection of the work area;
 - 6) Identify measures to manage dangerous environments, such as confined spaces, scaffold work greater than 10 feet, or articulated booms;
 - 7) List "Hot Work" procedures involved in the work of the project. This may include, but not be limited to, work such as welding, burning, open flames, tar melting or other type of melting pots, grinding that throws sparks. (See Appendix 1 - "Daily Safety Management Work Permit");
 - 8) Identify the need for air monitoring or special testing to carry out the work. Include a listing of monitoring equipment or special tests and the Action Levels that Contractor will apply to project work;
 - 9) Describe safety procedures for excavations more than four 4 feet deep and sloping or shoring procedures where excavations will exceed 5 feet deep;
 - 10) Describe fire protection and explosive hazard review;
 - 11) List the name and address of Contractor's on-contract Confined Space rescue team;
 - 12) Describe spill control procedures for chemical products Contractor will have on-campus during work. Include a listing of spill control or containment supplies that Contractor will have on-hand in case of a spill;
 - 13) Describe the need for site coordination with FIT employees, other contractors on-site and other adjacent work groups. This includes identification of hazardous energy Lock Out and Tag Out

requirements to make to work area safe and

- 14) Provide a listing of other safety equipment that Contractor will have on site during the work of the project.
- B) To address oil, chemical and waste management issues, the work-specific EHS Plan shall:
- 1) Provide estimates of the types and amounts of waste (both hazardous and non-hazardous) that Contractor anticipates the work will generate. As applicable, provide a copy of a waste analysis plan that lists the types of analysis required, the USEPA SW-846 method number and the method detection limits;
 - 2) Provide facility name, USEPA ID number, and a contact name for each facility that will transport and dispose of each of the waste streams identified above. Provide this information for any facility that will dispose of residuals from the treatment of project waste, as applicable;
 - 3) On a copy of a drawing that will be provided by FIT, identify location where Contractor proposes to accumulate waste during work, to set-up exclusion zones and to provide employee decontamination areas;
 - 4) Provide a statement that describes the methods that Contractor will use to minimize the amount of waste generated from the work of the project;
 - 5) Provide a tabular listing, along with copies of Safety Data Sheets (SDS), for any chemical products that Contractor intends to store or use on-site during the work. The listing shall include the product name, manufacturer's name, type, amounts, intended storage location on FIT site, the specific use of the chemical and identification of any NYCDEP/USEPA regulated hazardous substances that Contractor intends to store or use on-site during the work. In all cases, Contractor must submit the listing before chemical products are delivered to the FIT campus;
 - 6) On a copy of a drawing that will be provided by FIT, identify location where Contractor proposes to store chemical products on-site during work;
 - 7) Identify the need, if any, to amend existing FIT emergency contingency planning documents. Such documents include, but are not limited to: Spill Prevention Control and Countermeasure Plan, Spill Prevention Report, Right-to-Know Survey and
 - 8) List permits and Certificates of Fitness (NYCDEP, NYSDEC, USEPA, FDNY) needed to carry-out the scope of work and have copies on-site of permits and Certificates to carry-out project work.

VI) ON-SITE DOCUMENTATION

- A) Contractor shall record initial and daily safety-related procedures on Table 3. These shall include:

- 1) Before start of the work, FIT's Project Manager will conduct a FIT Hazard Communication briefing for Contractor's employees;
 - 2) Before start of the work, FIT's Project Manager and Contractor's on-site EHS Coordinator shall conduct a briefing for FIT employees in areas adjacent to work areas about proposed work;
 - 3) Review of FIT Emergency Evacuation Procedures;
 - 4) Listing of initial and ongoing project status meetings on-site with FIT Project Manager to address EHS concerns safety and health and
 - 5) Scheduled and unscheduled employee safety briefings, toolbox talks.
- B) Contractor shall provide a summary of the on-site EHS Coordinator's EHS-related training and experience relevant to the work of the project.
- C) Contractor's employees shall sign-in daily with FIT Security in the A-Building Lobby.
- D) For each work shift necessary to complete the project, Contractor's on-site EHS Coordinator shall open and fill out the "Daily Safety Management Work Permit" (See Appendix 1) at the start of each work shift and close the Permit at the end of each work shift.

VII) EMERGENCY RESPONSE PLANNING

Contractor shall review the summary of the Emergency Response Contact Names listed on Table 4 and provide the information as follows:

- A) On a site map that will be provided by FIT, identify the primary and secondary routes for the evacuation of Contractor's employees, including the "rally point" where Contractor's employees will assemble and carry-out an accountability check in case of an evacuation;
- B) List emergency response contacts with titles and telephone numbers. Contractor shall immediately call FIT Security and the FIT Project Manager in the event of a spill of oil, chemicals, waste water, or hazardous materials;
- C) Identify the name, address and route to nearest hospital or Contractor's wellness center and
- D) Provide a listing of emergency equipment for first aid, personal protection, spill response, fire protection and rescue.

TABLE 2

ON-SITE SUPERVISORY PERSONNEL of 2

Page 1

TITLE	: NAME(S) AND ON-SITE PHONE NUMBER
On-site EHS Coordinator	:
Contractor Project Managers	:
FIT's Project Manager(s)	:
<p><u>Contractor's Competent Persons</u></p>	<p>List all that Apply – Indicate not applicable areas for department /project work as “NA” For subcontractor employees, place subcontractor firm name in parenthesis after the employee's name</p>
<ul style="list-style-type: none"> • Confined Spaces 	:
<ul style="list-style-type: none"> • Excavations 	:
<ul style="list-style-type: none"> • Industrial Hygiene 	:
<ul style="list-style-type: none"> • Electrical--Lock Out/Tag Out 	:
<ul style="list-style-type: none"> • PPE, Respiratory Protection 	:
<ul style="list-style-type: none"> • Hazard Communication (Required for each department and project. Identify responsible employee for each subcontractor) 	:
<ul style="list-style-type: none"> • Fall Protection 	:
<ul style="list-style-type: none"> • Scaffolds 	:
<ul style="list-style-type: none"> • Cranes & Derricks 	:
<ul style="list-style-type: none"> • Blasting & Use of Explosives 	:

TABLE 2 (Cont'd)

ON-SITE SUPERVISORY PERSONNEL

Page 2 of 2

- Asbestos (Attach copies of Company license, supervisor and handler certificates for all employee that will perform work) :

- Lead

- Silica

- Hot Work (Complete and submit permits daily - see Appendix 1)

- FDNY Certificate of Fitness-Torch Operations

- FDNY Certificate of Fitness-Fire Guard

- FDNY Certificate of Fitness-Fire proofing

- FDNY Certificate of Fitness-Powder Activated Tools

- FDNY Certificate of Fitness-Air Compressors_____

- FDNY Certificate of Fitness-Use of LPG and Use in Tar Kettles

- FDNY REFRIGERATING SYSTEM OPERATING ENGINEER

- FDNY Certificate of Fitness-Other_____

- FDNY Certificate of Fitness-Other_____

-

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TABLE 4

EMERGENCY CONTACT NAMES & TELEPHONE NUMBERS

1

TITLE	CONTACT NAME	EMERGENCY PHONE NUMBERS
Contractor: MAIN OFFICE		
Contractor President:		
On-site EHS Coordinator		
FIT Facilities Management	Executive Director: George Jefremow Assoc. Executive Director: Allen King	Phone: 212-217-4423 Phone: 212-217-4424
FIT Environmental, Health and Safety Department	Director: Paul DeBiase paul_debiase@fitnyc.edu Acting Coordinator: Kathy Espinoza-Caraba kathy_espinozacaraba@fitnyc.edu	Phone: 212-217-3752 Phone: 212-217-3754
Contractor Project Manager(s)		
FIT Public Safety	Central Control	212-217-7777, or Use Red Phone
Occupational Safety And Health Administration, – Area Director	Provide Zip Code for the location of Accident	800-321-6742
Location of nearest hospital and/or contractor’s wellness center		
Rally Point and Accountability Check Location	In case of Building Evacuation Alarm	

Note: Call FIT Central Control at 212-217-7777 in case or any emergency such as fire, chemical spills, injury requiring medical treatment, or exposure of contractor or FIT personnel to fumes, vapors, or dusts.

EXHIBIT B: PREVAILING WAGE SCHEDULE



Kathy Hochul, Governor

Roberta Reardon, Commissioner

Fashion Institute of Technolog
Sam Li, Interim Director of Purchasing
227 W 27th St
New York NY 10001

Schedule Year 2023 through 2024
Date Requested 02/05/2024
PRC# 2024001479

Location Fashion Institute of Technolog
Project ID# C1618
Project Type Provide labor, materials, tools and equipment to complete the façade repairs at the Dubinsky and Pomerantz Center.

PREVAILING WAGE SCHEDULE FOR ARTICLE 8 PUBLIC WORK PROJECT

Attached is the current schedule(s) of the prevailing wage rates and prevailing hourly supplements for the project referenced above. A unique Prevailing Wage Case Number (PRC#) has been assigned to the schedule(s) for your project.

The schedule is effective from July 2023 through June 2024. All updates, corrections, posted on the 1st business day of each month, and future copies of the annual determination are available on the Department's website www.labor.ny.gov. Updated PDF copies of your schedule can be accessed by entering your assigned PRC# at the proper location on the website.

It is the responsibility of the contracting agency or its agent to annex and make part, the attached schedule, to the specifications for this project, when it is advertised for bids and /or to forward said schedules to the successful bidder(s), immediately upon receipt, in order to insure the proper payment of wages.

Please refer to the "General Provisions of Laws Covering Workers on Public Work Contracts" provided with this schedule, for the specific details relating to other responsibilities of the Department of Jurisdiction.

Upon completion or cancellation of this project, enter the required information and mail **OR** fax this form to the office shown at the bottom of this notice, **OR** fill out the electronic version via the NYSDOL website.

NOTICE OF COMPLETION / CANCELLATION OF PROJECT

Date Completed: _____ Date Cancelled: _____

Name & Title of Representative: _____

Phone: (518) 457-5589 Fax: (518) 485-1870
W. Averell Harriman State Office Campus, Bldg. 12, Room 130, Albany, NY 12226

General Provisions of Laws Covering Workers on Article 8 Public Work Contracts

Introduction

The Labor Law requires public work contractors and subcontractors to pay laborers, workers, or mechanics employed in the performance of a public work contract not less than the prevailing rate of wage and supplements (fringe benefits) in the locality where the work is performed.

Responsibilities of the Department of Jurisdiction

A Department of Jurisdiction (Contracting Agency) includes a state department, agency, board or commission; a county, city, town or village; a school district, board of education or board of cooperative educational services; a sewer, water, fire, improvement and other district corporation; a public benefit corporation; and a public authority awarding a public work contract.

The Department of Jurisdiction (Contracting Agency) awarding a public work contract MUST obtain a Prevailing Rate Schedule listing the hourly rates of wages and supplements due the workers to be employed on a public work project. This schedule may be obtained by completing and forwarding a "Request for wage and Supplement Information" form (PW 39) to the Bureau of Public Work. The Prevailing Rate Schedule MUST be included in the specifications for the contract to be awarded and is deemed part of the public work contract.

Upon the awarding of the contract, the law requires that the Department of Jurisdiction (Contracting Agency) furnish the following information to the Bureau: the name and address of the contractor, the date the contract was let and the approximate dollar value of the contract. To facilitate compliance with this provision of the Labor Law, a copy of the Department's "Notice of Contract Award" form (PW 16) is provided with the original Prevailing Rate Schedule.

The Department of Jurisdiction (Contracting Agency) is required to notify the Bureau of the completion or cancellation of any public work project. The Department's PW 200 form is provided for that purpose.

Both the PW 16 and PW 200 forms are available for completion [online](#).

Hours

No laborer, worker, or mechanic in the employ of a contractor or subcontractor engaged in the performance of any public work project shall be permitted to work more than eight hours in any day or more than five days in any week, except in cases of extraordinary emergency. The contractor and the Department of Jurisdiction (Contracting Agency) may apply to the Bureau of Public Work for a dispensation permitting workers to work additional hours or days per week on a particular public work project.

Wages and Supplements

The wages and supplements to be paid and/or provided to laborers, workers, and mechanics employed on a public work project shall be not less than those listed in the current Prevailing Rate Schedule for the locality where the work is performed. If a prime contractor on a public work project has not been provided with a Prevailing Rate Schedule, the contractor must notify the Department of Jurisdiction (Contracting Agency) who in turn must request an original Prevailing Rate Schedule from the Bureau of Public Work. Requests may be submitted by: mail to NYSDOL, Bureau of Public Work, State Office Bldg. Campus, Bldg. 12, Rm. 130, Albany, NY 12226; Fax to Bureau of Public Work (518) 485-1870; or electronically at the NYSDOL website www.labor.ny.gov.

Upon receiving the original schedule, the Department of Jurisdiction (Contracting Agency) is REQUIRED to provide complete copies to all prime contractors who in turn MUST, by law, provide copies of all applicable county schedules to each subcontractor and obtain from each subcontractor, an affidavit certifying such schedules were received. If the original schedule expired, the contractor may obtain a copy of the new annual determination from the NYSDOL website www.labor.ny.gov.

The Commissioner of Labor makes an annual determination of the prevailing rates. This determination is in effect from July 1st through June 30th of the following year. The annual determination is available on the NYSDOL website www.labor.ny.gov.

Payrolls and Payroll Records

Every contractor and subcontractor MUST keep original payrolls or transcripts subscribed and affirmed as true under penalty of perjury. As per Article 6 of the Labor law, contractors and subcontractors are required to establish, maintain, and preserve for not less than six (6) years, contemporaneous, true, and accurate payroll records. At a minimum, payrolls must show the following information for each person employed on a public work project: Name, Address, Last 4 Digits of Social Security Number, Classification(s) in which the worker was employed, Hourly wage rate(s) paid, Supplements paid or provided, and Daily and weekly number of hours worked in each classification.

The filing of payrolls to the Department of Jurisdiction is a condition of payment. Every contractor and subcontractor shall submit to the Department of Jurisdiction (Contracting Agency), within thirty (30) days after issuance of its first payroll and every thirty (30) days thereafter, a transcript of the original payrolls, subscribed and affirmed as true under penalty of perjury. The Department of Jurisdiction (Contracting Agency) shall collect, review for facial validity, and maintain such payrolls.

In addition, the Commissioner of Labor may require contractors to furnish, with ten (10) days of a request, payroll records sworn to as their validity and accuracy for public work and private work. Payroll records include, but are not limited to time cards, work description sheets, proof that supplements were provided, cancelled payroll checks and payrolls. Failure to provide the requested information within the allotted ten (10) days will result in the withholding of up to 25% of the contract, not to exceed \$100,000.00. If the contractor or subcontractor does not maintain a place of business in New York State and the amount of the contract exceeds \$25,000.00, payroll records and certifications must be kept on the project worksite.

The prime contractor is responsible for any underpayments of prevailing wages or supplements by any subcontractor.

All contractors or their subcontractors shall provide to their subcontractors a copy of the Prevailing Rate Schedule specified in the public work contract as well as any subsequently issued schedules. A failure to provide these schedules by a contractor or subcontractor is a violation of Article 8, Section 220-a of the Labor Law.

All subcontractors engaged by a public work project contractor or its subcontractor, upon receipt of the original schedule and any subsequently issued schedules, shall provide to such contractor a verified statement attesting that the subcontractor has received the Prevailing Rate Schedule and will pay or provide the applicable rates of wages and supplements specified therein. (See NYS Labor Laws, Article 8 . Section 220-a).

Determination of Prevailing Wage and Supplement Rate Updates Applicable to All Counties

The wages and supplements contained in the annual determination become effective July 1st whether or not the new determination has been received by a given contractor. Care should be taken to review the rates for obvious errors. Any corrections should be brought to the Department's attention immediately. It is the responsibility of the public work contractor to use the proper rates. If there is a question on the proper classification to be used, please call the district office located nearest the project. Any errors in the annual determination will be corrected and posted to the NYSDOL website on the first business day of each month. Contractors are responsible for paying these updated rates as well, retroactive to July 1st.

When you review the schedule for a particular occupation, your attention should be directed to the dates above the column of rates. These are the dates for which a given set of rates is effective. To the extent possible, the Department posts rates in its possession that cover periods of time beyond the July 1st to June 30th time frame covered by a particular annual determination. Rates that extend beyond that instant time period are informational ONLY and may be updated in future annual determinations that actually cover the then appropriate July 1st to June 30th time period.

Withholding of Payments

When a complaint is filed with the Commissioner of Labor alleging the failure of a contractor or subcontractor to pay or provide the prevailing wages or supplements, or when the Commissioner of Labor believes that unpaid wages or supplements may be due, payments on the public work contract shall be withheld from the prime contractor in a sufficient amount to satisfy the alleged unpaid wages and supplements, including interest and civil penalty, pending a final determination.

When the Bureau of Public Work finds that a contractor or subcontractor on a public work project failed to pay or provide the requisite prevailing wages or supplements, the Bureau is authorized by Sections 220-b and 235.2 of the Labor Law to so notify the financial officer of the Department of Jurisdiction (Contracting Agency) that awarded the public work contract. Such officer MUST then withhold or cause to be withheld from any payment due the prime contractor on account of such contract the amount indicated by the Bureau as sufficient to satisfy the unpaid wages and supplements, including interest and any civil penalty that may be assessed by the Commissioner of Labor. The withholding continues until there is a final determination of the underpayment by the Commissioner of Labor or by the court in the event a legal proceeding is instituted for review of the determination of the Commissioner of Labor.

The Department of Jurisdiction (Contracting Agency) shall comply with this order of the Commissioner of Labor or of the court with respect to the release of the funds so withheld.

Summary of Notice Posting Requirements

The current Prevailing Rate Schedule must be posted in a prominent and accessible place on the site of the public work project. The prevailing wage schedule must be encased in, or constructed of, materials capable of withstanding adverse weather conditions and be titled "PREVAILING RATE OF WAGES" in letters no smaller than two (2) inches by two (2) inches.

The "[Public Work Project](#)" notice must be posted at the beginning of the performance of every public work contract, on each job site.

Every employer providing workers. compensation insurance and disability benefits must post notices of such coverage in the format prescribed by the Workers. Compensation Board in a conspicuous place on the jobsite.

Every employer subject to the NYS Human Rights Law must conspicuously post at its offices, places of employment, or employment training centers, notices furnished by the State Division of Human Rights.

Employers liable for contributions under the Unemployment Insurance Law must conspicuously post on the jobsite notices furnished by the NYS Department of Labor.

Apprentices

Employees cannot be paid apprentice rates unless they are individually registered in a program registered with the NYS Commissioner of Labor. The allowable ratio of apprentices to journeyworkers in any craft classification can be no greater than the statewide building trade ratios promulgated by the Department of Labor and included with the Prevailing Rate Schedule. An employee listed on a payroll as an apprentice who is not registered as above or is performing work outside the classification of work for which the apprentice is indentured, must be paid the prevailing journeyworker's wage rate for the classification of work the employee is actually performing.

NYSDOL Labor Law, Article 8, Section 220-3, require that only apprentices individually registered with the NYS Department of Labor may be paid apprenticeship rates on a public work project. No other Federal or State Agency of office registers apprentices in New York State.

Persons wishing to verify the apprentice registration of any person must do so in writing by mail, to the NYSDOL Office of Employability Development / Apprenticeship Training, State Office Bldg. Campus, Bldg. 12, Albany, NY 12226 or by Fax to NYSDOL Apprenticeship Training (518) 457-7154. All requests for verification must include the name and social security number of the person for whom the information is requested.

The only conclusive proof of individual apprentice registration is written verification from the NYSDOL Apprenticeship Training Albany Central office. Neither Federal nor State Apprenticeship Training offices outside of Albany can provide conclusive registration information.

It should be noted that the existence of a registered apprenticeship program is not conclusive proof that any person is registered in that program. Furthermore, the existence or possession of wallet cards, identification cards, or copies of state forms is not conclusive proof of the registration of any person as an apprentice.

Interest and Penalties

In the event that an underpayment of wages and/or supplements is found:

- Interest shall be assessed at the rate then in effect as prescribed by the Superintendent of Banks pursuant to section 14-a of the Banking Law, per annum from the date of underpayment to the date restitution is made.
- A Civil Penalty may also be assessed, not to exceed 25% of the total of wages, supplements, and interest due.

Debarment

Any contractor or subcontractor and/or its successor shall be ineligible to submit a bid on or be awarded any public work contract or subcontract with any state, municipal corporation or public body for a period of five (5) years when:

- Two (2) willful determinations have been rendered against that contractor or subcontractor and/or its successor within any consecutive six (6) year period.
- There is any willful determination that involves the falsification of payroll records or the kickback of wages or supplements.

Criminal Sanctions

Willful violations of the Prevailing Wage Law (Article 8 of the Labor Law) may be a felony punishable by fine or imprisonment of up to 15 years, or both.

Discrimination

No employee or applicant for employment may be discriminated against on account of age, race, creed, color, national origin, sex, disability or marital status.

No contractor, subcontractor nor any person acting on its behalf, shall by reason of race, creed, color, disability, sex or national origin discriminate against any citizen of the State of New York who is qualified and available to perform the work to which the employment relates (NYS Labor Law, Article 8, Section 220-e(a)).

No contractor, subcontractor, nor any person acting on its behalf, shall in any manner, discriminate against or intimidate any employee on account of race, creed, color, disability, sex, or national origin (NYS Labor Law, Article 8, Section 220-e(b)).

The Human Rights Law also prohibits discrimination in employment because of age, marital status, or religion.

There may be deducted from the amount payable to the contractor under the contract a penalty of \$50.00 for each calendar day during which such person was discriminated against or intimidated in violation of the provision of the contract (NYS Labor Law, Article 8, Section 220-e(c)).

The contract may be cancelled or terminated by the State or municipality. All monies due or to become due thereunder may be forfeited for a second or any subsequent violation of the terms or conditions of the anti-discrimination sections of the contract (NYS Labor Law, Article 8, Section 220-e(d)).

Every employer subject to the New York State Human Rights Law must conspicuously post at its offices, places of employment, or employment training centers notices furnished by the State Division of Human Rights.

Workers' Compensation

In accordance with Section 142 of the State Finance Law, the contractor shall maintain coverage during the life of the contract for the benefit of such employees as required by the provisions of the New York State Workers' Compensation Law.

A contractor who is awarded a public work contract must provide proof of workers' compensation coverage prior to being allowed to begin work.

The insurance policy must be issued by a company authorized to provide workers' compensation coverage in New York State. Proof of coverage must be on form C-105.2 (Certificate of Workers' Compensation Insurance) and must name this agency as a certificate holder.

If New York State coverage is added to an existing out-of-state policy, it can only be added to a policy from a company authorized to write workers' compensation coverage in this state. The coverage must be listed under item 3A of the information page.

The contractor must maintain proof that subcontractors doing work covered under this contract secured and maintained a workers' compensation policy for all employees working in New York State.

Every employer providing worker's compensation insurance and disability benefits must post notices of such coverage in the format prescribed by the Workers' Compensation Board in a conspicuous place on the jobsite.

Unemployment Insurance

Employers liable for contributions under the Unemployment Insurance Law must conspicuously post on the jobsite notices furnished by the New York State Department of Labor.



Kathy Hochul, Governor

Roberta Reardon, Commissioner

Fashion Institute of Technolog
Sam Li, InterminDirector of Purchasing
227 W 27th St
New York NY 10001

Schedule Year 2023 through 2024
Date Requested 02/05/2024
PRC# 2024001479

Location Fashion Institute of Technolog
Project ID# C1618
Project Type Provide labor, materials, tools and equipment to complete the façade repairs at the Dubinsky and Pomerantz Center.

Notice of Contract Award

New York State Labor Law, Article 8, Section 220.3a requires that certain information regarding the awarding of public work contracts, be furnished to the Commissioner of Labor. One "Notice of Contract Award" (PW 16, which may be photocopied), **MUST** be completed for **EACH** prime contractor on the above referenced project.

Upon notifying the successful bidder(s) of this contract, enter the required information and mail **OR** fax this form to the office shown at the bottom of this notice, **OR** fill out the electronic version via the NYSDOL website.

Contractor Information

All information must be supplied

Federal Employer Identification Number: _____		
Name: _____		
Address: _____ _____		
City: _____	State: _____	Zip: _____
Amount of Contract: \$ _____	Contract Type:	
Approximate Starting Date: ____/____/____	<input type="checkbox"/> (01) General Construction	
Approximate Completion Date: ____/____/____	<input type="checkbox"/> (02) Heating/Ventilation	
	<input type="checkbox"/> (03) Electrical	
	<input type="checkbox"/> (04) Plumbing	
	<input type="checkbox"/> (05) Other : _____	

Phone: (518) 457-5589 Fax: (518) 485-1870
W. Averell Harriman State Office Campus, Bldg. 12, Room 130, Albany, NY 12226

Social Security Numbers on Certified Payrolls:

The Department of Labor is cognizant of the concerns of the potential for misuse or inadvertent disclosure of social security numbers. Identity theft is a growing problem and we are sympathetic to contractors' concern regarding inclusion of this information on payrolls if another identifier will suffice.

For these reasons, the substitution of the use of the last four digits of the social security number on certified payrolls submitted to contracting agencies on public work projects is now acceptable to the Department of Labor. This change does not affect the Department's ability to request and receive the entire social security number from employers during its public work/ prevailing wage investigations.

Construction Industry Fair Play Act: Required Posting for Labor Law Article 25-B § 861-d

Construction industry employers must post the "Construction Industry Fair Play Act" notice in a prominent and accessible place on the job site. Failure to post the notice can result in penalties of up to \$1,500 for a first offense and up to \$5,000 for a second offense. The posting is included as part of this wage schedule. Additional copies may be obtained from the NYS DOL website, <https://dol.ny.gov/public-work-and-prevailing-wage>

If you have any questions concerning the Fair Play Act, please call the State Labor Department toll-free at 1-866-435-1499 or email us at: dol.misclassified@labor.ny.gov .

Worker Notification: (Labor Law §220, paragraph a of subdivision 3-a)

Effective June 23, 2020

This provision is an addition to the existing wage rate law, Labor Law §220, paragraph a of subdivision 3-a. It requires contractors and subcontractors to provide written notice to all laborers, workers or mechanics of the *prevailing wage and supplement rate* for their particular job classification *on each pay stub**. It also requires contractors and subcontractors to *post a notice* at the beginning of the performance of every public work contract *on each job site* that includes the telephone number and address for the Department of Labor and a statement informing laborers, workers or mechanics of their right to contact the Department of Labor if he/she is not receiving the proper prevailing rate of wages and/or supplements for his/her job classification. The required notification will be provided with each wage schedule, may be downloaded from our website www.labor.ny.gov or be made available upon request by contacting the Bureau of Public Work at 518-457-5589. *In the event the required information will not fit on the pay stub, an accompanying sheet or attachment of the information will suffice.

(12.20)

**To all State Departments, Agency Heads and Public Benefit Corporations
IMPORTANT NOTICE REGARDING PUBLIC WORK ENFORCEMENT FUND**

Budget Policy & Reporting Manual

B-610

Public Work Enforcement Fund

effective date December 7, 2005

1. Purpose and Scope:

This Item describes the Public Work Enforcement Fund (the Fund, PWEF) and its relevance to State agencies and public benefit corporations engaged in construction or reconstruction contracts, maintenance and repair, and announces the recently-enacted increase to the percentage of the dollar value of such contracts that must be deposited into the Fund. This item also describes the roles of the following entities with respect to the Fund:

- New York State Department of Labor (DOL),
- The Office of the State of Comptroller (OSC), and
- State agencies and public benefit corporations.

2. Background and Statutory References:

DOL uses the Fund to enforce the State's Labor Law as it relates to contracts for construction or reconstruction, maintenance and repair, as defined in subdivision two of Section 220 of the Labor Law. State agencies and public benefit corporations participating in such contracts are required to make payments to the Fund.

Chapter 511 of the Laws of 1995 (as amended by Chapter 513 of the Laws of 1997, Chapter 655 of the Laws of 1999, Chapter 376 of the Laws of 2003 and Chapter 407 of the Laws of 2005) established the Fund.

3. Procedures and Agency Responsibilities:

The Fund is supported by transfers and deposits based on the value of contracts for construction and reconstruction, maintenance and repair, as defined in subdivision two of Section 220 of the Labor Law, into which all State agencies and public benefit corporations enter.

Chapter 407 of the Laws of 2005 increased the amount required to be provided to this fund to .10 of one-percent of the total cost of each such contract, to be calculated at the time agencies or public benefit corporations enter into a new contract or if a contract is amended. The provisions of this bill became effective August 2, 2005.

**To all State Departments, Agency Heads and Public Benefit Corporations
IMPORTANT NOTICE REGARDING PUBLIC WORK ENFORCEMENT FUND**

OSC will report to DOL on all construction-related ("D") contracts approved during the month, including contract amendments, and then DOL will bill agencies the appropriate assessment monthly. An agency may then make a determination if any of the billed contracts are exempt and so note on the bill submitted back to DOL. For any instance where an agency is unsure if a contract is or is not exempt, they can call the Bureau of Public Work at the number noted below for a determination. Payment by check or journal voucher is due to DOL within thirty days from the date of the billing. DOL will verify the amounts and forward them to OSC for processing.

For those contracts which are not approved or administered by the Comptroller, monthly reports and payments for deposit into the Public Work Enforcement Fund must be provided to the Administrative Finance Bureau at the DOL within 30 days of the end of each month or on a payment schedule mutually agreed upon with DOL.

Reports should contain the following information:

- Name and billing address of State agency or public benefit corporation;
- State agency or public benefit corporation contact and phone number;
- Name and address of contractor receiving the award;
- Contract number and effective dates;
- Contract amount and PWEF assessment charge (if contract amount has been amended, reflect increase or decrease to original contract and the adjustment in the PWEF charge); and
- Brief description of the work to be performed under each contract.

Checks and Journal Vouchers, payable to the "New York State Department of Labor" should be sent to:

Department of Labor
Administrative Finance Bureau-PWEF Unit
Building 12, Room 464
State Office Campus
Albany, NY 12226

Any questions regarding billing should be directed to NYSDOL's Administrative Finance Bureau-PWEF Unit at (518) 457-3624 and any questions regarding Public Work Contracts should be directed to the Bureau of Public Work at (518) 457-5589.

Required Notice under Article 25-B of the Labor Law

**Attention All Employees, Contractors and Subcontractors:
You are Covered by the Construction Industry Fair Play Act**

The law says that you are an employee unless:

- You are free from direction and control in performing your job, **and**
- You perform work that is not part of the usual work done by the business that hired you, **and**
- You have an independently established business.

Your employer cannot consider you to be an independent contractor unless all three of these facts apply to your work.

It is against the law for an employer to misclassify employees as independent contractors or pay employees off the books.

Employee Rights: If you are an employee, you are entitled to state and federal worker protections. These include:

- Unemployment Insurance benefits, if you are unemployed through no fault of your own, able to work, and otherwise qualified,
- Workers' compensation benefits for on-the-job injuries,
- Payment for wages earned, minimum wage, and overtime (under certain conditions),
- Prevailing wages on public work projects,
- The provisions of the National Labor Relations Act, and
- A safe work environment.

It is a violation of this law for employers to retaliate against anyone who asserts their rights under the law. Retaliation subjects an employer to civil penalties, a private lawsuit or both.

Independent Contractors: If you are an independent contractor, **you must pay all taxes and Unemployment Insurance contributions required by New York State and Federal Law.**

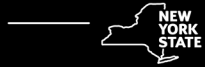
Penalties for paying workers off the books or improperly treating employees as independent contractors:

- **Civil Penalty** First offense: Up to \$2,500 per employee
 Subsequent offense(s): Up to \$5,000 per employee
- **Criminal Penalty** First offense: Misdemeanor - up to 30 days in jail, up to a \$25,000 fine and debarment from performing public work for up to one year.
 Subsequent offense(s): Misdemeanor - up to 60 days in jail or up to a \$50,000 fine and debarment from performing public work for up to 5 years.

If you have questions about your employment status or believe that your employer may have violated your rights and you want to file a complaint, call the Department of Labor at (866) 435-1499 or send an email to dol.misclassified@labor.ny.gov. All complaints of fraud and violations are taken seriously. You can remain anonymous.

Employer Name:

IA 999 (09/16)



Attention Employees

THIS IS A: **PUBLIC WORK PROJECT**

If you are employed on this project as a **worker, laborer, or mechanic** you are entitled to receive the **prevailing wage and supplements rate** for the classification at which you are working.

Your pay stub and wage notice received upon hire must clearly state your wage rate and supplement rate.

Chapter 629 of the Labor Laws of 2007:

These wages are set by law and must be posted at the work site. They can also be found at:
<https://dol.ny.gov/bureau-public-work>



If you feel that you have not received proper wages or benefits, please call our nearest office.*

Albany	(518) 457-2744	Patchogue	(631) 687-4882
Binghamton	(607) 721-8005	Rochester	(585) 258-4505
Buffalo	(716) 847-7159	Syracuse	(315) 428-4056
Garden City	(516) 228-3915	Utica	(315) 793-2314
New York City	(212) 932-2419	White Plains	(914) 997-9507
Newburgh	(845) 568-5287		

* For New York City government agency construction projects, please contact the Office of the NYC Comptroller at (212) 669-4443, or www.comptroller.nyc.gov – click on Bureau of Labor Law.

Contractor Name: _____

Project Location: _____

Requirements for OSHA 10 Compliance

Article 8 §220-h requires that when the advertised specifications, for every contract for public work, is \$250,000.00 or more the contract must contain a provision requiring that every worker employed in the performance of a public work contract shall be certified as having completed an OSHA 10 safety training course. The clear intent of this provision is to require that all employees of public work contractors, required to be paid prevailing rates, receive such training "prior to the performing any work on the project."

The Bureau will enforce the statute as follows:

All contractors and sub contractors must attach a copy of proof of completion of the OSHA 10 course to the first certified payroll submitted to the contracting agency and on each succeeding payroll where any new or additional employee is first listed.

Proof of completion may include but is not limited to:

- Copies of bona fide course completion card (*Note: Completion cards do not have an expiration date.*)
- Training roster, attendance record or other documentation from the certified trainer pending the issuance of the card.
- Other valid proof

**A certification by the employer attesting that all employees have completed such a course is not sufficient proof that the course has been completed.

Any questions regarding this statute may be directed to the New York State Department of Labor, Bureau of Public Work at 518-457-5589.

WICKS

Public work projects are subject to the Wicks Law requiring separate specifications and bidding for the plumbing, heating and electrical work, when the total project's threshold is \$3 million in Bronx, Kings, New York, Queens and, Richmond counties; \$1.5 million in Nassau, Suffolk and Westchester counties; and \$500,000 in all other counties.

For projects below the monetary threshold, bidders must submit a sealed list naming each subcontractor for the plumbing, HVAC and electrical and the amount to be paid to each. The list may not be changed unless the public owner finds a legitimate construction need, including a change in specifications or costs or the use of a Project Labor Agreement (PLA), and must be open to public inspection.

Allows the state and local agencies and authorities to waive the Wicks Law and use a PLA if it will provide the best work at the lowest possible price. If a PLA is used, all contractors shall participate in apprentice training programs in the trades of work it employs that have been approved by the Department of Labor (DOL) for not less than three years. They shall also have at least one graduate in the last three years and use affirmative efforts to retain minority apprentices. PLA's would be exempt from Wicks, but deemed to be public work subject to prevailing wage enforcement.

The Commissioner of Labor shall have the power to enforce separate specification requirements on projects, and may issue stop-bid orders against public owners for non-compliance.

Other new monetary thresholds, and similar sealed bidding for non-Wicks projects, would apply to certain public authorities including municipal housing authorities, NYC Construction Fund, Yonkers Educational Construction Fund, NYC Municipal Water Finance Authority, Buffalo Municipal Water Finance Authority, Westchester County Health Care Association, Nassau County Health Care Corp., Clifton-Fine Health Care Corp., Erie County Medical Center Corp., NYC Solid Waste Management Facilities, and the Dormitory Authority.

Contractors must pay subcontractors within a 7 days period.

(07.19)

Introduction to the Prevailing Rate Schedule

Information About Prevailing Rate Schedule

This information is provided to assist you in the interpretation of particular requirements for each classification of worker contained in the attached Schedule of Prevailing Rates.

Classification

It is the duty of the Commissioner of Labor to make the proper classification of workers taking into account whether the work is heavy and highway, building, sewer and water, tunnel work, or residential, and to make a determination of wages and supplements to be paid or provided. It is the responsibility of the public work contractor to use the proper rate. If there is a question on the proper classification to be used, please call the district office located nearest the project. District office locations and phone numbers are listed below.

Prevailing Wage Schedules are issued separately for "General Construction Projects" and "Residential Construction Projects" on a county-by-county basis.

General Construction Rates apply to projects such as: Buildings, Heavy & Highway, and Tunnel and Water & Sewer rates.

Residential Construction Rates generally apply to construction, reconstruction, repair, alteration, or demolition of one family, two family, row housing, or rental type units intended for residential use.

Some rates listed in the Residential Construction Rate Schedule have a very limited applicability listed along with the rate. Rates for occupations or locations not shown on the residential schedule must be obtained from the General Construction Rate Schedule. Please contact the local Bureau of Public Work office before using Residential Rate Schedules, to ensure that the project meets the required criteria.

Payrolls and Payroll Records

Contractors and subcontractors are required to establish, maintain, and preserve for not less than six (6) years, contemporaneous, true, and accurate payroll records.

Every contractor and subcontractor shall submit to the Department of Jurisdiction (Contracting Agency), within thirty (30) days after issuance of its first payroll and every thirty (30) days thereafter, a transcript of the original payrolls, subscribed and affirmed as true under penalty of perjury.

Paid Holidays

Paid Holidays are days for which an eligible employee receives a regular day's pay, but is not required to perform work. If an employee works on a day listed as a paid holiday, this remuneration is in addition to payment of the required prevailing rate for the work actually performed.

Overtime

At a minimum, all work performed on a public work project in excess of eight hours in any one day or more than five days in any workweek is overtime. However, the specific overtime requirements for each trade or occupation on a public work project may differ. Specific overtime requirements for each trade or occupation are contained in the prevailing rate schedules.

Overtime holiday pay is the premium pay that is required for work performed on specified holidays. It is only required where the employee actually performs work on such holidays.

The applicable holidays are listed under HOLIDAYS: OVERTIME. The required rate of pay for these covered holidays can be found in the OVERTIME PAY section listings for each classification.

Supplemental Benefits

Particular attention should be given to the supplemental benefit requirements. Although in most cases the payment or provision of supplements is straight time for all hours worked, some classifications require the payment or provision of supplements, or a portion of the supplements, to be paid or provided at a premium rate for premium hours worked. Supplements may also be required to be paid or provided on paid holidays, regardless of whether the day is worked. The Overtime Codes and Notes listed on the particular wage classification will indicate these conditions as required.

Effective Dates

When you review the schedule for a particular occupation, your attention should be directed to the dates above the column of rates. These are the dates for which a given set of rates is effective. The rate listed is valid until the next effective rate change or until the new annual determination which takes effect on July 1 of each year. All contractors and subcontractors are required to pay the current prevailing rates of wages and supplements. If you have any questions please contact the Bureau of Public Work or visit the New York State Department of Labor website (www.labor.ny.gov) for current wage rate information.

Apprentice Training Ratios

The following are the allowable ratios of registered Apprentices to Journey-workers.

For example, the ratio 1:1,1:3 indicates the allowable initial ratio is one Apprentice to one Journeyworker. The Journeyworker must be in place on the project before an Apprentice is allowed. Then three additional Journeyworkers are needed before a second Apprentice is allowed. The last ratio repeats indefinitely. Therefore, three more Journeyworkers must be present before a third Apprentice can be hired, and so on.

Please call Apprentice Training Central Office at (518) 457-6820 if you have any questions.

Title (Trade)	Ratio
Boilermaker (Construction)	1:1,1:4
Boilermaker (Shop)	1:1,1:3
Carpenter (Bldg.,H&H, Pile Driver/Dockbuilder)	1:1,1:4
Carpenter (Residential)	1:1,1:3
Electrical (Outside) Lineman	1:1,1:2
Electrician (Inside)	1:1,1:3
Elevator/Escalator Construction & Modernizer	1:1,1:2
Glazier	1:1,1:3
Insulation & Asbestos Worker	1:1,1:3
Iron Worker	1:1,1:4
Laborer	1:1,1:3
Mason	1:1,1:4
Millwright	1:1,1:4
Op Engineer	1:1,1:5
Painter	1:1,1:3
Plumber & Steamfitter	1:1,1:3
Roofer	1:1,1:2
Sheet Metal Worker	1:1,1:3
Sprinkler Fitter	1:1,1:2

If you have any questions concerning the attached schedule or would like additional information, please contact the nearest BUREAU of PUBLIC WORK District Office or write to:

New York State Department of Labor
Bureau of Public Work
State Office Campus, Bldg. 12
Albany, NY 12226

District Office Locations:	Telephone #	FAX #
Bureau of Public Work - Albany	518-457-2744	518-485-0240
Bureau of Public Work - Binghamton	607-721-8005	607-721-8004
Bureau of Public Work - Buffalo	716-847-7159	716-847-7650
Bureau of Public Work - Garden City	516-228-3915	516-794-3518
Bureau of Public Work - Newburgh	845-568-5287	845-568-5332
Bureau of Public Work - New York City	212-932-2419	212-775-3579
Bureau of Public Work - Patchogue	631-687-4882	631-687-4902
Bureau of Public Work - Rochester	585-258-4505	585-258-4708
Bureau of Public Work - Syracuse	315-428-4056	315-428-4671
Bureau of Public Work - Utica	315-793-2314	315-793-2514
Bureau of Public Work - White Plains	914-997-9507	914-997-9523
Bureau of Public Work - Central Office	518-457-5589	518-485-1870

New York County General Construction

Asbestos Worker **02/01/2024**

JOB DESCRIPTION Asbestos Worker **DISTRICT 4**

ENTIRE COUNTIES
 Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk

WAGES
 Per Hour: 07/01/2023

Asbestos Worker \$ 46.75
 Removal & Abatement Only*

NOTE: *On Mechanical Systems that are NOT to be SCRAPPED.

SUPPLEMENTAL BENEFITS
 Per Hour:

Asbestos Worker \$ 12.65
 Removal & Abatement Only

OVERTIME PAY
 See (B, B2, *E, J) on OVERTIME PAGE
 *Hours worked on Saturdays are paid at time and one half only if forty hours have been worked during the week.

HOLIDAY
 Paid: See (1) on HOLIDAY PAGE
 Overtime: See (5, 6, 8) on HOLIDAY PAGE

REGISTERED APPRENTICES
 Apprentice Removal & Abatement Only:
 1000 hour terms at the following percentage of Journeyman's rates.

1st	2nd	3rd	4th
78%	80%	83%	89%

SUPPLEMENTAL BENEFIT
 Per Hour:

Apprentice
 Removal & Abatement \$ 12.65

4-12a - Removal Only

Boilermaker **02/01/2024**

JOB DESCRIPTION Boilermaker **DISTRICT 4**

ENTIRE COUNTIES
 Bronx, Dutchess, Kings, Nassau, New York, Orange, Putnam, Queens, Richmond, Rockland, Suffolk, Sullivan, Ulster, Westchester

WAGES
 Per Hour: 07/01/2023: 01/01/2024

Boilermaker	\$ 65.88	\$ 67.38
Repairs & Renovations	65.88	67.38

Repairs & Renovation: Includes Repairing, Renovating replacement of parts to an existing unit(s).

SUPPLEMENTAL BENEFITS
 Per Hour:

Boilermaker	33.5% of hourly	33.5% of Hourly
Repair \$ Renovations	Wage Paid	Wage Paid
	+ \$ 26.49	+ \$26.85

NOTE: "Hourly Wage Paid" shall include any and all premium(s) pay.

Repairs & Renovation Includes replacement of parts and repairs & renovation of existing unit.

OVERTIME PAY
 See (*B, O, **U) on OVERTIME PAGE
 Note:* Includes 9th & 10th hours, double for 11th or more.
 ** Labor Day ONLY, if worked.

Repairs & Renovation see (B,E,Q) on OT Page

HOLIDAY

Paid: See (1) on HOLIDAY PAGE
 Overtime: See (5, 6, 11, 12, 15, 25, 26, 29) on HOLIDAY PAGE

REGISTERED APPRENTICES

Wage per hour:
 (1/2) Year Terms at the following percentage of Boilermaker's Wage

1st	2nd	3rd	4th	5th	6th	7th
65%	70%	75%	80%	85%	90%	95%

Supplemental Benefits Per Hour:

Apprentice(s)	33.5% of Hourly Wage Paid Plus Amount Below	33.5% of Hourly Wage Paid Plus Amount Below
1st Term	\$ 20.12	\$ 20.36
2nd Term	21.03	21.28
3rd Term	21.95	22.22
4th Term	22.83	23.12
5th Term	23.76	24.07
6th Term	24.67	25.00
7th Term	25.58	25.93

NOTE: "Hourly Wage Paid" shall include any and all premium(s)

4-5

Broadband **02/01/2024**

JOB DESCRIPTION Broadband **DISTRICT 4**

ENTIRE COUNTIES
 Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk

WAGES

Per Hour:	7/01/2023	06/30/2024
Field Tech Install/Repair	\$ 50.87	Additional 3% *

(*)To be allocated at a later date.

For outside work (excluding installation on building construction/alteration/renovation projects), stopping at first point of attachment (demarcation), installing/maintaining/repairing broadband internet service.

SUPPLEMENTAL BENEFITS

Per Hour: \$ 23.24

OVERTIME PAY

See (B, K, *R) on OVERTIME PAGE
 Note: *Two and one half times the hourly rate after the 8th hour

HOLIDAY

Paid: See (5, 6, 7, 11, 12) on HOLIDAY PAGE

4-CWA-Dist1

Carpenter **02/01/2024**

JOB DESCRIPTION Carpenter **DISTRICT 8**

ENTIRE COUNTIES
 Bronx, Kings, Nassau, New York, Putnam, Queens, Richmond, Rockland, Suffolk, Westchester

WAGES

Per hour:	07/01/2023
Piledriver	\$ 59.16 + 9.79*

Dockbuilder \$ 59.16
 + 9.79*

*This portion is not subject to overtime premiums

SUPPLEMENTAL BENEFITS

Per hour:

Journeyworker \$ 45.34

OVERTIME PAY

See (B, E2, O) on OVERTIME PAGE

HOLIDAY

Paid: See (1) on HOLIDAY PAGE.

Paid: for 1st & 2nd yr.

Apprentices See (5,6,11,13,25)

Overtime: See (5,6,11,13,25) on HOLIDAY PAGE.

REGISTERED APPRENTICES

Wages per hour

(1)year terms:

1st	2nd	3rd	4th
\$25.60	\$31.20	\$39.58	\$47.97
+ 5.30*	+ 5.30*	+ 5.30*	+ 5.30*

*This portion is not subject to overtime premiums

Supplemental benefits per hour:

All Terms: \$ 31.83

8-1556 Db

Carpenter

02/01/2024

JOB DESCRIPTION Carpenter

DISTRICT 8

ENTIRE COUNTIES

Bronx, Kings, Nassau, New York, Queens, Richmond, Rockland, Suffolk, Westchester

WAGES

Per hour: 07/01/2023

Carpet/Resilient

Floor Coverer \$ 55.05
 + 8.25*

*This portion is not subject to overtime premiums

INCLUDES HANDLING & INSTALLATION OF ARTIFICIAL TURF AND SIMILAR TURF INDOORS/OUTDOORS.

SUPPLEMENTAL BENEFITS

Per hour:

\$ 39.45

OVERTIME PAY

See (B, E, Q) on OVERTIME PAGE

HOLIDAY

Paid: See (18, 19) on HOLIDAY PAGE.

Paid for 1st & 2nd yr.

Apprentices See (5,6,11,13,16,18,19,25)

Overtime: See (5,6,11,13,16,18,19,25) on HOLIDAY PAGE.

REGISTERED APPRENTICES

Wage per hour - (1) year terms:

1st	2nd	3rd	4th
\$ 25.20	\$ 28.20	\$ 32.45	\$ 40.33
+ 1.85*	+ 2.35*	+ 2.85*	+ 3.85*

*This portion is not subject to overtime premiums

Supplemental benefits per hour:

1st	2nd	3rd	4th
\$ 15.22	\$ 16.22	\$ 19.32	\$ 20.32

8-2287

Carpenter

02/01/2024

JOB DESCRIPTION Carpenter

DISTRICT 8

ENTIRE COUNTIES

Bronx, Dutchess, Kings, Nassau, New York, Orange, Putnam, Queens, Richmond, Rockland, Suffolk, Westchester

WAGES

Per Hour: 07/01/2023

Marine Construction:

Marine Diver \$ 74.03
+ 9.79*

Marine Tender \$ 53.57
+ 9.79*

*This portion is not subject to overtime premiums

SUPPLEMENTAL BENEFITS

Per Hour:

Journeyworker \$ 45.34

OVERTIME PAY

See (B, E, E2, Q) on OVERTIME PAGE

HOLIDAY

Paid: See (18, 19) on HOLIDAY PAGE

Overtime: See (5, 6, 11, 13, 16, 18, 19, 25) on HOLIDAY PAGE

REGISTERED APPRENTICES

Wages per hour:

One (1) year terms.

1st year	\$ 25.60 + 5.30*
2nd year	31.20 + 5.30*
3rd year	39.58 + 5.30*
4th year	47.97 + 5.05*

*This portion is not subject to overtime premiums

Supplemental Benefits

Per Hour:

All terms \$ 31.83

8-1456MC

Carpenter

02/01/2024

JOB DESCRIPTION Carpenter

DISTRICT 8

ENTIRE COUNTIES

Bronx, Kings, Nassau, New York, Putnam, Queens, Richmond, Rockland, Suffolk, Westchester

WAGES

Per hour: 07/01/2023

Building
Millwright \$ 58.70
+ 12.62*

*This portion is not subject to overtime premiums

SUPPLEMENTAL BENEFITS

Per hour:

Millwright \$ 44.31

OVERTIME PAY

See (B, E, Q) on OVERTIME PAGE

HOLIDAY

Paid: See (18,19) on HOLIDAY PAGE.

Overtime See (5,6,8,11,13,18,19,25) on HOLIDAY PAGE.

REGISTERED APPRENTICES

Wages per hour:

One (1) year terms:

1st.	2nd.	3rd.	4th.
\$31.74	\$37.19	\$42.64	\$53.54
+ 6.75*	+ 7.92*	+ 9.09*	+ 11.43*

*This portion is not subject to overtime premiums

Supplemental benefits per hour:

One (1) year terms:

1st.	2nd.	3rd.	4th.
\$29.81	\$32.34	\$35.52	\$39.94

8-740.1

Carpenter

02/01/2024

JOB DESCRIPTION Carpenter

DISTRICT 8

ENTIRE COUNTIES

Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk, Westchester

WAGES

Per Hour:

07/01/2023

Timberman \$ 54.05
+ 10.26*

*This portion not subject to overtime premiums

SUPPLEMENTAL BENEFITS

Per Hour:

07/01/2023

\$ 44.55

OVERTIME PAY

See (B, E, E2, Q) on OVERTIME PAGE

HOLIDAY

Paid: See (1) on HOLIDAY PAGE.

Paid: for 1st & 2nd yr.

Apprentices See (5,6,11,13,25)

Overtime: See (5,6,11,13,25) on HOLIDAY PAGE.

REGISTERED APPRENTICES

Wages per hour:

One (1) year terms:

1st	2nd	3rd	4th
\$23.42	\$28.53	\$36.18	\$43.84
+ 5.55*	+ 5.55*	+ 5.55*	+ 5.55*

*This portion is not subject to overtime premiums

Supplemental benefits per hour:
All terms \$ 31.54

8-1556 Tm

Carpenter **02/01/2024**

JOB DESCRIPTION Carpenter

DISTRICT 8

ENTIRE COUNTIES

Bronx, Kings, Nassau, New York, Queens, Richmond, Rockland, Westchester

PARTIAL COUNTIES

Orange: South of but including the following, Waterloo Mills, Slate Hill, New Hampton, Goshen, Blooming Grove, Mountainville, east to the Hudson River.

Putnam: South of but including the following, Cold Spring, TompkinsCorner, Mahopac, Croton Falls, east to Connecticut border.

Suffolk: West of Port Jefferson and Patchogue Road to Route 112 to the Atlantic Ocean.

WAGES

Per hour: 07/01/2023

Core Drilling:

Driller \$ 43.88
+ 2.50*

Driller Helper \$ 34.47
+ 2.50*

Note: Hazardous Waste Pay Differential:

For Level C, an additional 15% above wage rate per hour

For Level B, an additional 15% above wage rate per hour

For Level A, an additional 15% above wage rate per hour

Note: When required to work on water: an additional \$ 3.00 per hour.

*This portion is not subject to overtime premiums

SUPPLEMENTAL BENEFITS

Per hour:

Driller and Helper \$ 28.85

OVERTIME PAY

See (B, G, P) on OVERTIME PAGE

HOLIDAY

Paid: See (5, 6) on HOLIDAY PAGE

Overtime: See (5, 6) on HOLIDAY PAGE

8-1536-CoreDriller

Carpenter **02/01/2024**

JOB DESCRIPTION Carpenter

DISTRICT 8

ENTIRE COUNTIES

Bronx, Kings, New York, Putnam, Queens, Richmond

PARTIAL COUNTIES

Nassau: That portion of the county that lies west of Seaford Creek and south of the Southern State Parkway.

WAGES

Per hour: 07/01/2023

Show Exhibit \$ 55.75
+ 9.50**

Bldg. Carpenter* \$55.05
+ 8.25**

* Not applicable in Putnam County

**This portion is not subject to overtime premiums

SUPPLEMENTAL BENEFITS

Per hour worked:

Show Exhibit \$ 44.50
Bldg. Carpenter 39.45

OVERTIME PAY

See (B, E, Q) on OVERTIME PAGE

HOLIDAY

Paid: See (18,19) on HOLIDAY PAGE.

Paid:for 1st & 2nd yr.

Apprentices See (5,6,11,13,16,18,19,25)

Overtime: See (5,6,11,13,16,18,19,25) on HOLIDAY PAGE.

REGISTERED APPRENTICES

Wages per hour: Show Exhibit

(1) year terms:

1st.	2nd.	3rd.	4th.
\$22.30	\$27.88	\$36.24	\$44.60
+ 4.75*	+ 4.75*	+ 4.75*	+ 4.75*

*This portion is not subject to overtime premiums

Supplemental benefits per hour:

All terms \$ 30.25

Wages per hour: Bldg. Carpenter

(1) year terms:

1st	2nd	3rd	4th
\$20.20	\$23.20	\$27.45	\$35.33
+ 1.85*	+ 2.30*	+ 2.80*	+ 3.80*

*This portion is not subject to overtime premiums.

Supplemental benefits per hour:

1st	2nd	3rd	4th
\$15.22	\$16.27	\$19.37	\$20.37

8-EXHIB

Carpenter - Heavy&Highway

02/01/2024

JOB DESCRIPTION Carpenter - Heavy&Highway

DISTRICT 8

ENTIRE COUNTIES

Bronx, Kings, New York, Queens, Richmond

PARTIAL COUNTIES

Nassau: That portion of the county that lies West of Seaford Creek and South of the Southern State Parkway.

WAGES

Per hour:

07/01/2023

Heavy & Highway

Carpenter

\$ 59.16

+ 9.79*

*This portion is not subject to overtime premiums

SUPPLEMENTAL BENEFITS

Per hour worked:

Heavy & Highway

Carpenter

\$ 45.34

OVERTIME PAY

See (B, E2, Q) on OVERTIME PAGE

HOLIDAY

Paid: See (1) on HOLIDAY PAGE

Overtime: See (5, 6, 11, 13, 25) on HOLIDAY PAGE

Paid : for 1st & 2nd yr

Apprentices See (5, 6, 11, 13, 25)

REGISTERED APPRENTICES

Wage per hour:

One (1) year terms:

	1st	2nd	3rd	4th
Heavy & Highway	\$ 25.60	\$ 31.20	\$ 39.58	\$ 47.97
	+ 5.30*	+ 5.30*	+ 5.30*	+ 5.30*

*This portion is not subject to overtime premiums

Supplemental Benefits:

Per Hour:

All terms
 \$ 31.83

8-NYC H/H

Electrician

02/01/2024

JOB DESCRIPTION Electrician

DISTRICT 9

ENTIRE COUNTIES

Bronx, Kings, New York, Queens, Richmond

WAGES

Per hour:	07/01/2023	01/01/2024
Tree Trimmer	\$ 34.21	\$ 35.24
Ground Person	20.69	20.69

Applies to line clearance, tree work, and right-of-way preparation on all new or existing overhead, electrical, telephone, and CATV lines.

SUPPLEMENTAL BENEFITS

Per hour:

Tree Trimmer	\$ 12.81	\$ 13.20
Ground Person	7.75	7.75

OVERTIME PAY

See (B, *H, Q) on OVERTIME PAGE

*Worked performed on Sundays & Holidays outside of 7.00am - 4.00pm shall be paid at double time, in addition to the holiday pay if applicable.

HOLIDAY

HOLIDAY:

Paid: See (5,6,10,11,15,16,26) on HOLIDAY PAGE.

(An additional floating holiday after four years service)

Overtime: See (5,6,10,11,15,16,26) on HOLIDAY PAGE.

9-3T

Electrician

02/01/2024

JOB DESCRIPTION Electrician

DISTRICT 9

ENTIRE COUNTIES

Bronx, Kings, New York, Queens, Richmond

WAGES

Per hour:	07/01/2023	04/11/2024
Electrician	\$ 31.25	\$ 32.00
Telephone	31.25	32.00

Maintenance and Jobbing-Electrical and teledata work of limited duration and scope, consisting of repairs and/or replacement of electrical and teledata equipment.

- Includes all work necessary to retrofit, service, maintain and repair all kinds of lighting fixtures and local lighting controls and washing and cleaning of foregoing fixtures.

SUPPLEMENTAL BENEFITS

Journeyworker:

	07/01/2023	04/11/2024
	\$ 26.55	\$ 27.21

28.53*

29.23*

* Applies to overtime hours

OVERTIME PAY

See (B, H) on OVERTIME PAGE

HOLIDAY

Paid: See (1) on HOLIDAY PAGE

Overtime: See (5, 6, 11, 15, 16, 25, 26) on HOLIDAY PAGE

9-3m

Electrician

02/01/2024

JOB DESCRIPTION Electrician

DISTRICT 9

ENTIRE COUNTIES

Bronx, Kings, New York, Queens, Richmond, Westchester

WAGES

Per hour: 07/01/2023 03/07/2024

Service Technician \$ 36.40 \$ 37.40

Service and Maintenance on Alarm and Security Systems.

Maintenance, repair and /or replacement of defective (or damaged) equipment on, but not limited to, Burglar - Fire - Security - CCTV - Card Access - Life Safety Systems and associated devices. (Whether by service contract of T&M by customer request.)

SUPPLEMENTAL BENEFITS

Per hour:
 Journeyworker: \$ 21.07 \$ 21.85

OVERTIME PAY

See (B, E, Q) on OVERTIME PAGE

HOLIDAY

Paid: See (5, 6, 11, 15, 16, 17, 25, 26) on HOLIDAY PAGE

Overtime: See (5, 6, 11, 15, 16, 17, 25, 26) on HOLIDAY PAGE

9-3H

Electrician

02/01/2024

JOB DESCRIPTION Electrician

DISTRICT 9

ENTIRE COUNTIES

Bronx, Kings, New York, Queens, Richmond

WAGES

Per Hour: 07/01/2023 04/11/2024

Electrician
 Audio/Sound and
 Temporary Light/
 Power \$ 61.00 \$ 62.00

Evening (Swing Shift):

Electrician
 Audio/Sound and
 Temporary Light/
 Power 71.58 72.75

Night (Graveyard Shift):

Electrician
 Audio/Sound and
 Temporary Light 80.17 81.49

Solar-Photovoltaic Systems

Group 1 61.00 62.00
 All tasks not listed in Group 2

Group 2	31.25	32.00
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D.C portion and associated mechanical equipment related to solar systems, (excluding battery storage and its associated equipment) including work related to Weather Stations and Data Acquisitions/Monitoring Systems on solar photovoltaic systems.

Mounting of PV modules.

Mounting of DC optimizers to back of modules if the installation calls for this equipment.

Mounting of microinverters to back of modules and install trunk cabling on racking if called for.

Module to module connection of PV modules to adjacent modules. If racking manufacturer provides integrated inter-row cable management, install string jumper to complete the string in full in same sub-array.

If racking manufacturer does not provide integrated inter-row cable management, run conduit between rows, bond it and run string jumper to complete string in full in same sub-array.

Installation of weather stations and other weather station relevant sensors as specified.

Installation of data acquisition system (DAS) for PV system monitoring.

SUPPLEMENTAL BENEFITS

Per Hour:

Electrician	\$ 63.84 67.69*	\$ 66.00 69.91*
Swing Shift:	72.58 77.10*	74.96 79.56*
Graveyard Shift:	79.96 85.02*	82.54 87.69*
Temporary Light/Power:	28.56 31.81*	30.33 33.64*
Group 1:	63.84 67.69*	66.00 69.91*
Group 2:	26.55 28.52*	27.20 29.23*

* Applies when premium (OT) wages are paid.

Temporary Light and Power benefit rate applies for three or less workers.

Reduce benefit rate by 6.2% for any employee who has accumulated wages of \$137,700 for the same employer.

OVERTIME PAY

See (A, H) on OVERTIME PAGE

See (B) for Temporary Light and Power

HOLIDAY

Paid: See (1) on HOLIDAY PAGE

Overtime: See (5, 6, 11, 15, 16, 25, 26) on HOLIDAY PAGE

REGISTERED APPRENTICES

Wages Per Hour:

One (1) year terms

First term:	07/01/2023	04/11/2024
0-6 mos.	\$ 18.00	\$ 18.00
7-12 mos.	18.50	18.50
Second term:		
0-6 mos.	19.50	19.50
7-12 mos.	20.50	20.50
Third term:		
0-6 mos.	21.50	21.50
7-12 mos.	22.50	22.50
Fourth term:		
0-6 mos.	23.50	23.50
7-12 mos.	25.50	25.50
Fifth term/MIJ:		
0-12 mos.	26.75	27.50

13-18 mos. 31.25 32.00

Supplemental Benefits per hour:

One (1) year terms:

First Term:	Regular	Overtime	Regular	Overtime
0-6 mos.	\$ 16.43	\$ 17.63	\$ 17.18	\$ 18.38
7-12 mos.	16.69	17.92	17.44	18.67
Second Term:				
0-6 mos.	17.21	18.51	17.97	19.26
7-12 mos.	17.74	19.10	18.49	19.85
Third Term:				
0-6 mos.	18.27	19.70	19.02	20.44
7-12 mos.	18.79	20.28	19.54	21.03
Fourth Term:				
0-6 mos.	19.31	20.87	20.06	21.62
7-12 mos.	20.36	22.05	21.11	22.80
Fifth Term/MIJ:				
1-12 mos.	24.13	25.82	24.79	26.52
13-18 mos.	26.55	28.52	27.21	29.23

9-3

Electrician - Highway and Street Lighting, Traffic Signals and Controls **02/01/2024**

JOB DESCRIPTION Electrician - Highway and Street Lighting, Traffic Signals and Controls **DISTRICT 9**

ENTIRE COUNTIES
 Bronx, Kings, New York, Queens, Richmond

WAGES

Per hour:

	07/01/2023	04/18/2024
Electro Pole Electrician	\$ 61.00	\$ 62.00
Electro Pole Foundation Installer	46.66	47.66
Electro Pole Maintainer	40.61	41.61

SUPPLEMENTAL BENEFITS

Per Hour:

	07/01/2023	04/18/2024
Electro Pole Electrician	\$ 65.91 69.77*	\$ 68.20 72.12*
Electro Pole Foundation Installer	50.05 53.00*	51.68 54.69*
Electro Pole Maintainer	45.40 47.97*	47.03 49.66*

*Applies when premium wages are paid

Note: Reduce benefit rate by 6.2% for any employee who has accumulated wages in \$137,700 for the same employer.

OVERTIME PAY

See (A, B, E4, F, K) on OVERTIME PAGE
 B - Applies to Electro Pole Foundation Installer
 E4 - Applies to Electro Pole Maintainer

HOLIDAY

Paid: See (1) on HOLIDAY PAGE
 Overtime: See (5, 6, 11, 15, 16, 25, 26) on HOLIDAY PAGE

Elevator Constructor

02/01/2024

JOB DESCRIPTION Elevator Constructor

DISTRICT 4

ENTIRE COUNTIES

Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk

PARTIAL COUNTIES

Rockland: Entire County except for the Township of Stony Point

Westchester: Entire County except for the Townships of Bedford, Lewisboro, Cortland, Mt. Kisco, North Salem, Pound Ridge, Somers and Yorktown.

WAGES

Per hour:

07/01/2023

Elevator Constructor \$ 77.49

Modernization & Service/Repair \$ 60.89

NOTE - The 'Employer Registration' (30.1) use of a '4 Day/10 Hour Work schedules' will no longer be accepted or processed. All registered projects prior to June 30,2023 will expire within the granted time frame.

For Pre-Registered Projects Four (4), Ten (10) hour days may be worked at straight time during a week, Monday thru Thursday. Friday may be used as a make-up day. Tuesday thru Friday may be worked with no make-up day. For further clarification contact your local Bureau Office.

SUPPLEMENTAL BENEFITS

Per Hour:

Elevator Constructor \$ 45.574

Modernization & Service/Repairs 44.412

OVERTIME PAY

Constructor See (D, M, T) on OVERTIME PAGE.

Modern/Service See (B, F, S) on OVERTIME PAGE.

HOLIDAY

Paid: See (5, 6, 8, 11, 15, 16, 25) on HOLIDAY PAGE

Overtime: See (5, 6, 8, 11, 15, 16, 25) on HOLIDAY PAGE

REGISTERED APPRENTICES

WAGES PER HOUR:

*Note:1st, 2nd, 3rd Terms are based on Average wage of Constructor & Modernization.

Terms 4 thru 9 Based on Journeyman's wage of classification Working in.

6 MONTH TERMS:

1st Term*	2nd & 3rd Term*	4th & 5th Term	6th & 7th Term	8th & 9th Term
50%	50%	55%	65%	75%

SUPPLEMENTAL BENEFITS

Elevator Constructor

1st Term	\$ 0.00
2nd & 3rd Term	36.024
4th & 5th Term	36.943
6th & 7th Term	38.448
8th & 9th Term	39.953

Modernization & Service/Repair

1st Term	\$ 0.00
2nd & 3rd Term	35.694
4th & 5th Term	36.525
6th & 7th Term	37.948
8th & 9th Term	39.38

Glazier **02/01/2024**

JOB DESCRIPTION Glazier

DISTRICT 8

ENTIRE COUNTIES

Bronx, Dutchess, Kings, Nassau, New York, Orange, Putnam, Queens, Richmond, Rockland, Suffolk, Sullivan, Ulster, Westchester

WAGES

Per hour: 7/01/2023

Glazier & Glass Tinting	\$ 61.64
*Scaffolding	65.64
Window Film	
**Repair & Maintenance	30.76

*Scaffolding includes swing scaffold, mechanical equipment, scissor jacks, man lifts, booms & buckets 30' or more, but not pipe scaffolding.

**Repair & Maintenance- All repair & maintenance work on a particular building whenever performed, where the total cumulative Repair & Maintenance contract value is under \$184,000.

SUPPLEMENTAL BENEFITS

Per hour: 7/01/2023

Glazier & Glass Tinting	\$ 40.20
Window Film	
Repair & Maintenance	23.19

OVERTIME PAY

See (B, E, Q, V) on OVERTIME PAGE

For 'Repair & Maintenance' see (B, B2, I, S) on overtime page.

HOLIDAY

Paid: See (1) on HOLIDAY PAGE

Overtime: See (4, 6, 16, 25) on HOLIDAY PAGE

For 'Repair & Maintenance'

Paid: See(5, 6, 16, 25)

Overtime: See(5, 6, 16, 25)

REGISTERED APPRENTICES

Wage per hour:

(1) year terms at the following wage rates:

7/01/2023

1st term	\$ 21.93
2nd term	30.05
3rd term	39.95
4th term	48.97

Supplemental Benefits:

(Per hour)

1st term	\$ 18.25
2nd term	25.97
3rd term	31.27
4th term	34.32

8-1087 (DC9 NYC)

Insulator - Heat & Frost **02/01/2024**

JOB DESCRIPTION Insulator - Heat & Frost

DISTRICT 4

ENTIRE COUNTIES

Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk

WAGES

Per Hour: 07/01/2023

Insulators	
Heat & Frost	\$ 70.51

SUPPLEMENTAL BENEFITS

Per Hour:

Insulators \$ 35.76
 Heat & Frost

OVERTIME PAY

See (B, E, *Q, V) on OVERTIME PAGE
 * Triple time for Labor Day (If worked)

HOLIDAY

Paid: See (1) on HOLIDAY PAGE
 Overtime: See (5, 6, 11, 15, 16, 25, 26) on HOLIDAY PAGE

REGISTERED APPRENTICES

Wages:
 1 year terms.
 Wages Per Hour:

1st	2nd	3rd	4th
\$ 28.20	\$ 35.26	\$ 42.31	\$ 49.36

Supplemental Benefits:

\$ 14.30	\$ 17.88	\$ 21.46	\$ 25.03
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4-12

Ironworker

02/01/2024

JOB DESCRIPTION Ironworker

DISTRICT 9

ENTIRE COUNTIES

Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk, Westchester

WAGES

Per Hour:	07/01/2023	01/01/2024
Stone Derrickmen Rigger	\$ 72.90	Additional + \$ 1.64
Stone Handset Derrickman	70.47	+ \$ 1.11

SUPPLEMENTAL BENEFITS

Per hour:	
Stone Derrickmen Rigger	\$ 43.10
Stone Handset Derrickman	42.84

OVERTIME PAY

See (B, D1, *E, Q, **V) on OVERTIME PAGE
 *Time and one-half shall be paid for all work on Saturday up to eight (8) hours and double time shall be paid for all work thereafter.
 ** Benefits same premium as wages on Holidays only

HOLIDAY

Paid: See (18) on HOLIDAY PAGE
 Overtime: See (5, 6, 8, 25) on HOLIDAY PAGE
 Work stops at schedule lunch break with full day's pay.

REGISTERED APPRENTICES

Wage per hour:

Stone Derrickmen Rigger:

	1st	2nd	3rd	4th
07/01/2023	\$ 35.90	\$ 51.53	\$ 57.32	\$ 63.11

Supplemental Benefits:

Per hour:				
07/01/2023	22.11	32.58	32.58	32.58

Stone Handset:

1/2 year terms at the following hourly wage rate:

	1st	2nd	3rd	4th
07/01/2023	34.56	49.75	55.33	60.90

Supplemental Benefits:

Per hour:				
07/01/2023	22.10	32.46	32.46	32.46

9-197D/R

Ironworker

02/01/2024

JOB DESCRIPTION Ironworker

DISTRICT 4

ENTIRE COUNTIES

Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk, Westchester

WAGES

Per Hour: 07/01/2023

Ornamental	\$ 46.90
Chain Link Fence	46.90
Guide Rail	46.90

SUPPLEMENTAL BENEFITS

Per hour:

Journeyworker: \$ 63.04

OVERTIME PAY

See (B, B1, Q, V) on OVERTIME PAGE

HOLIDAY

Paid: See (1) on HOLIDAY PAGE

Overtime: See (5, 6, 25) on HOLIDAY PAGE

REGISTERED APPRENTICES

Apprentices Hired after 9/1/18:

1 year terms

	07/01/2023
1st Term	\$ 21.13
2nd Term	24.77
3rd Term	28.40
4th Term	32.06

Supplemental Benefits per hour:

1st Term	\$ 17.90
2nd Term	19.15
3rd Term	20.41
4th Term	21.67

4-580-Or

Ironworker

02/01/2024

JOB DESCRIPTION Ironworker

DISTRICT 4

ENTIRE COUNTIES

Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk, Westchester

WAGES

PER HOUR:

	07/01/2023	01/01/2024	07/01/2024
Ironworker:			Additional
Structural	\$ 57.20	\$ 57.70	\$ 1.75/Hr.*
Bridges			
Machinery			

(*)To be allocated at a later date.

SUPPLEMENTAL BENEFITS

PER HOUR PAID:

Journeyman	\$ 87.35	\$ 88.60
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OVERTIME PAY

See (B, B1, Q, *V) on OVERTIME PAGE

*NOTE: Benefits are calculated for every hour paid

HOLIDAY

Paid: See (1) on HOLIDAY PAGE
 Overtime: See (5, 6, 18, 19) on HOLIDAY PAGE

REGISTERED APPRENTICES

WAGES PER HOUR:

6 month terms at the following rate:

1st	\$ 29.73	\$ 29.98
2nd	30.33	30.58
3rd - 6th	30.94	31.19

Supplemental Benefits

PER HOUR PAID:

All Terms	\$ 60.69	\$ 61.59
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4-40/361-Str

Ironworker

02/01/2024

JOB DESCRIPTION Ironworker

DISTRICT 4

ENTIRE COUNTIES

Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk, Westchester

PARTIAL COUNTIES

Rockland: Southern section - south of Convent Road and east of Blue Hills Road.

WAGES

Per hour: 07/01/2023

Reinforcing &
 Metal Lathing \$ 56.95

"Base" Wage \$ 55.20
 plus \$ 1.75

"Base" Wage is used to calculate overtime hours only.

SUPPLEMENTAL BENEFITS

Per hour:
 Reinforcing & Metal Lathing \$ 42.72

OVERTIME PAY

See (B, E, Q, *X) on OVERTIME PAGE

*Only \$23.50 per Hour for non worked hours

Supplemental Benefit Premiums for Overtime Hours worked:

Time & One Half \$ 49.47
 Double Time \$ 56.22

HOLIDAY

Paid: See (1) on HOLIDAY PAGE
 Overtime: See (5, 6, 11, 13, *18, **19, 25) on HOLIDAY PAGE

*Note: Work performed after first 4 Hours.

REGISTERED APPRENTICES

(1) year terms at the following wage rates:

1st term	2nd term	3rd term	4th Term
Wage Per Hour: \$ 22.55	\$ 28.38	\$ 34.68	\$ 37.18
"Base" Wage \$ 21.00 plus \$1.55	\$ 26.80 plus \$1.58	\$ 33.10 plus \$1.58	\$ 35.60 plus \$1.58

"Base" Wage is used to calculate overtime hours ONLY.

SUPPLEMENTAL BENIFITS

Per Hour:

1st term	2nd term	3rd term	4th Term
\$ 18.17	\$ 21.34	\$ 22.00	\$ 22.50

4-46Reinf

Laborer **02/01/2024**

JOB DESCRIPTION Laborer **DISTRICT 9**

ENTIRE COUNTIES
 Bronx, Kings, New York, Queens, Richmond

WAGES

Per hour:

Striper (Highway/streets):	07/01/2023	07/01/2024
		Additional
Striping-Machine Operator	\$ 40.00	\$ 3.00
Striping Thermoplastic	44.00	
Flagger - Traffic Safety*	38.00	

Note: * Includes but is not limited to: Positioning of cones and directing of traffic using handheld devices. Excludes the Driver/Operator of equipment used in protection of traffic safety.

SUPPLEMENTAL BENEFITS

Per hour paid:

Journeyworker \$ 17.27

OVERTIME PAY

See (B, H) on OVERTIME PAGE

HOLIDAY

Paid: See (5, 6, 8, 13) on HOLIDAY PAGE
 Overtime: See (5, 6, 8, 13) on HOLIDAY PAGE

REGISTERED APPRENTICES

Wages per hour:

1st Term (1-2000 hours)	\$ 30.86
2nd Term (2001-4000 hours)	32.50

Supplemental Benefits per hour:
 All Terms 17.27

9-1010-LS

Laborer **02/01/2024**

JOB DESCRIPTION Laborer **DISTRICT 9**

ENTIRE COUNTIES
 Bronx, Kings, New York, Queens, Richmond

WAGES

Per hour:

	07/01/2023	07/01/2024
Laborer/Excavation		Additional
**Asbestos and Lead Abatement & Removal, Hazardous Waste Removal (including soil)	\$ 44.50	\$ 2.30
Basic	44.50	
Flagman	44.50	
Pipelayer	44.50	
*Tree Work, *Landscape	44.50	

*Includes trimming, cutting, planting and/or removal of trees.

** Applies to Heavy & Highway projects

SUPPLEMENTAL BENEFITS

Per hour:

Journeyworker \$ 52.23

Note: No payment of Supplemental Benefits is required on paid holidays, when employees do not work.

OVERTIME PAY

See (B, E, Q) on OVERTIME PAGE

When an observed holiday falls on a Saturday, work done shall be paid at double time.

HOLIDAY

Paid: See (2, 20) on HOLIDAY PAGE

Overtime: See (2, 5, 6, 11, 20) on HOLIDAY PAGE

REGISTERED APPRENTICES

Wage per hour:

1000 hour terms at the following hourly wage rate.

07/01/2023

1st	0 - 1000	\$ 22.25
2nd	1001-2000	26.70
3rd	2001-3000	33.38
4th	3001-4000	40.05

Supplemental Benefits per hour:

All Apprentices 52.23

9-731Ex

Laborer

02/01/2024

JOB DESCRIPTION Laborer

DISTRICT 9

ENTIRE COUNTIES

Bronx, Kings, New York, Queens, Richmond

WAGES

Per hour:

GROUP 14: Blasters.

GROUP 16: Tunnel workers - including Miners, Drill Runners, Iron Men, Maintenance Men, Conveyor Men, Safety Miners, Riggers, Block Layers, Cement Finishers, Rod Men, Caulkers, Powder Carriers, Miners' Helpers, Chuck Tenders, Track Men, Nippers, Brake Men, Derail Men, Form Men, Bottom Bell, Top Bell or Signal men, Form Workers, Movers, Concrete Workers, Shaft Men, Tunnel Laborers and Caulkers' Helpers.

GROUP 17: All others including: Powder Watchmen, Top Laborers and Changehouse Attendants.

Wages: (per hour) 07/01/2023

Laborer (Tunnel)-FREE AIR:

Group 14	\$ 75.40
Group 16	72.10
Group 17*	66.65

Small Bore Micro Tunnel Machines 80% of rates above

For Repairs on Existing Water Tunnels 90% of rates above

For Repairs of Sewer & Drainage Tunnels 85% of rates above

For Repair & Maintenance of all Subway & Vehicular Tunnels 80% of rates above

*An additional \$3.00 per day when using an air spade, jack hammer or pavement breaker.

Note: Employer shall pay \$10.00 per day for each half mile starting at a point 500 feet from the bottom of the shaft.

SUPPLEMENTAL BENEFITS

Per hour:

GROUP 14 \$ 53.97

GROUP 16	51.76
GROUP 17	47.91
Small Bore Micro Tunnel Machines	80% of rates above
For Repairs on Existing Water Tunnels	90% of rates above
For Repairs of Sewer & Drainage Tunnels	85% of rates above
For Repair & Maintenance of all Subway & Vehicular Tunnels	80% of rates above

OVERTIME PAY

OVERTIME: For Laborer (Free Air) See (D, M, R*) on OVERTIME PAGE.
 For Repair Categories See (B, F, R*) on OVERTIME PAGE.
 & Micro Tunneling
 * Straight time first 8 hours, double time after 8 hours.

HOLIDAY

Paid: See (5, 6, 9, 11, 12, 15, 16, 25) on HOLIDAY PAGE
 Overtime: See (5, 6, 9, 11, 12, 15, 16, 25) on HOLIDAY PAGE
 Good Friday may be exchanged for one of the holidays listed.

9-147Tnl/Free

Laborer - Building

02/01/2024

JOB DESCRIPTION Laborer - Building

DISTRICT 9

ENTIRE COUNTIES

Bronx, Kings, New York, Queens, Richmond

WAGES

Per hour:	07/01/2023	01/01/2024
Basic Laborer and Mason Tender	\$ 43.80*	\$ 44.70**

*Before calculating premium wage deduct \$3.00
 **Before calculating premium Wage deduct \$3.25

SUPPLEMENTAL BENEFITS

Per hour:		
Basic Laborer and Mason Tender	\$ 29.39	\$ 29.99

OVERTIME PAY

See (B, B2, E, E2, Q, R) on OVERTIME PAGE

HOLIDAY

Paid: See (1) on HOLIDAY PAGE
 Overtime: See (5, 6, 25) on HOLIDAY PAGE

REGISTERED APPRENTICES

Wage per hour:

1000 hour terms at the following wage rate:

Term:	1st	2nd	3rd	4th
Basic Laborer and Mason Tender				
07/01/2023	\$ 21.80*	\$ 23.55*	\$ 25.05*	\$ 27.55*
01/01/2024	\$ 22.05*	\$ 23.80*	\$ 25.30*	\$ 27.80*

*Before calculating premium wage deduct \$0.50

Supplemental Benefits per hour:

All Terms	
07/01/2023	\$ 10.47
01/01/2024	\$ 10.77

9-MTDC(79)

Laborer - Building

02/01/2024

JOB DESCRIPTION Laborer - Building

DISTRICT 9

ENTIRE COUNTIES

Bronx, Kings, New York, Queens, Richmond

WAGES

Per hour:

07/01/2023

Skilled Interior Demolition Laborer:	\$ 39.70*
General Interior Demolition Laborer:	28.89**

* Before calculating overtime wages deduct \$1.70

**General Demolition Laborer performs manual work and work incidental to demolition, such as loading and carting of debris from work site to an area where it can be loaded into trucks for removal. Also performs clean-up of the site when demolition is complete.

SUPPLEMENTAL BENEFITS

Per Hour:

Skilled Interior Demolition Laborer:	24.84
General Interior Demolition Laborer:	19.16

OVERTIME PAY

See (B, B2, I, R) on OVERTIME PAGE

HOLIDAY

Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 25) on HOLIDAY PAGE

REGISTERED APPRENTICES

Wage Per Hour:

1000 hour terms at the following wage rate:

1st	2nd	3rd	4th
\$ 21.80*	\$ 23.55*	\$ 25.05*	\$ 27.55*

* Before calculating overtime wages deduct \$0.50

Supplemental Benefits Per Hour:

All Terms:	10.47
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9-MTDC (79-ID)

Laborer - Building

02/01/2024

JOB DESCRIPTION Laborer - Building

DISTRICT 9

ENTIRE COUNTIES

Bronx, Kings, New York, Queens, Richmond

WAGES

Per hour: 07/01/2023

Laborer:	
Laborer-Concrete	
(including flag person)	\$ 42.53
	+ \$7.75*

* This portion is not subjected to overtime premiums.

SUPPLEMENTAL BENEFITS

Per Hour

\$ 19.70
+ \$8.00**

** This portion subjected to overtime premiums only on codes (E,Q)

OVERTIME PAY

OVERTIME: See (A,E,Q) on OVERTIME PAGE attached.
 See (B,E,Q,) for work below street level to top of foundation.

HOLIDAY

Paid: See (1) on HOLIDAY PAGE
 Overtime: See (5, 6, 8, 11, 13, 25) on HOLIDAY PAGE

REGISTERED APPRENTICES

Wages per hour:

Terms based on hours listed:

1st	2nd	3rd
0-1334	1334-2668	2669-4000
\$ 18.57	\$ 19.95	\$ 25.68
+\$1.99*	+\$6.82*	+\$7.30*

* This portion is not subjected to overtime premiums.

Supplemental Benefits:

Per hour:

\$ 12.20	\$ 16.20	\$ 16.20
+\$2.00*	+\$2.45*	+\$3.55*

Journeyworker rate applies after 4000 hours

*This portion subjected to same premium as wages.

9-6A/18A/20-C

Laborer - Building

02/01/2024

JOB DESCRIPTION Laborer - Building

DISTRICT 9

ENTIRE COUNTIES

Bronx, Kings, New York, Queens, Richmond

WAGES

Per hour:	07/01/2023	01/01/2024
Building:		Additional
Plasterer Tender and Spray Fireproofing Tender	\$ 43.80*	\$ 1.25

* Before calculating overtime wages deduct \$3.00.

SUPPLEMENTAL BENEFITS

Per hour:	
Journeyworker	\$ 29.39

OVERTIME PAY

See (B, B2, E, E2, Q, R) on OVERTIME PAGE

HOLIDAY

Paid: See (1) on HOLIDAY PAGE
 Overtime: See (5, 6, 25) on HOLIDAY PAGE

REGISTERED APPRENTICES

Wage per hour:

1000 hours terms at the following wage.

1st	2nd	3rd	4th
\$21.80*	\$23.55*	\$25.05*	\$27.55*

* Before calculating overtime wages deduct \$ 0.50

Supplemental Benefits per hour:

07/01/2023	
All Terms:	\$ 10.47

9-30 (79)

Laborer - Building

02/01/2024

JOB DESCRIPTION Laborer - Building

DISTRICT 4

ENTIRE COUNTIES

Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk

WAGES

Per Hour:	07/01/2023	01/02/2024
Asbestos, Lead and Hazardous	\$ 39.50*	Additional \$ 1.50/Hr. to be allocated

Material Abatement

Laborer

(Re-Roofing Removal See Roofer)

NOTE: Asbestos removed from Mechanical Systems not to be scrapped
 See Asbestos Worker

SUPPLEMENTAL BENEFITS

Per Hour:

Laborer	\$ 19.65
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OVERTIME PAY

See (B, B2, I) on OVERTIME PAGE

*Calculate at \$39.50 per hour then add \$0.95

HOLIDAY

Paid: See (1) on HOLIDAY PAGE
 Overtime: See (5, 6, 8, 28) on HOLIDAY PAGE

REGISTERED APPRENTICES

1000 hour terms at the following;

Per Hour:	
1st term	\$ 20.50*
2nd Term	21.50**
3rd Term	24.50***
4th Term	26.50****

SUPPLEMENTAL BENEFIT

Per Hour:

All Terms	\$ 14.25
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OVERTIME PAY:

- *Calculate at \$20.00 per hour then add \$0.50
- **Calculate at \$21.00 per hour then add \$0.50
- ***Calculate at \$24.00 per hour then add \$0.50
- ****Calculate at \$26.00 per hour then add \$0.50

4-NYDC(78)

Laborer - Building

02/01/2024

JOB DESCRIPTION Laborer - Building

DISTRICT 9

ENTIRE COUNTIES

Bronx, Kings, New York, Queens, Richmond

WAGES

Per hour:	07/01/2023	01/01/2024
Skilled Demolition Laborer:	\$ 41.93*	\$ 42.23*
General Demolition Laborer:	30.51**	30.81**

- *Before calculating overtime wages deduct \$3.00
- **Before calculating overtime wages deduct \$2.35

**General Demolition Laborer performs manual work and work incidental to demolition, such as loading and carting of debris from work site to an area where it can be loaded into trucks for removal. Also performs clean-up of the site when demolition is complete.

NOTE: Total Demolition Only: Demolition shall be the complete demolition (wrecking) or dismantling of entire buildings or structures. Also may include the removal of all or any portion of a roof in which structural change is to occur. Structural change is defined as the removal of structural slabs, steel members, concrete members and penetration through the structural slab.

SUPPLEMENTAL BENEFITS

Per hour:

Journeyworker:

Skilled Demolition Laborer:	\$ 28.27	\$ 28.57
General Demolition Laborer:	21.33	21.63

OVERTIME PAY

See (B, E, E2, Q) on OVERTIME PAGE

HOLIDAY

Paid: See (1) on HOLIDAY PAGE
 Overtime: See (5, 6, 25) on HOLIDAY PAGE

REGISTERED APPRENTICES

Wage per hour:

(1) year terms at the following wage.

07/01/2023	1st	2nd	3rd	4th
	\$ 21.80*	\$ 23.55*	\$ 25.05*	\$ 27.55*
01/01/2024	\$ 22.05*	\$ 23.80*	\$ 25.30*	\$ 27.80*

*Before calculating overtime wages deduct \$0.50

Supplemental Benefits per hour:

All Terms:

07/01/2023	\$ 10.47
01/01/2024	\$ 10.77

9-79/95

Laborer - Concrete & Asphalt Paving

02/01/2024

JOB DESCRIPTION Laborer - Concrete & Asphalt Paving

DISTRICT 9

ENTIRE COUNTIES

Bronx, Kings, New York, Queens, Richmond

WAGES

Group 1: Slurry Seal Coater, Maintenance Safety Surface, Small Power Tool Operator, Play Equipment Installer, Temporary Fence Installer & Repairs, Laborer.

Group 2: Production Paving Work: Shoveler, small equipment operator.

Per hour:	07/01/2023
Concrete Formsetter	\$ 48.85 + \$ 7.25*
Asphalt Screeperson/Micro Paver	49.95 + \$ 7.25*
Asphalt Raker	58.85 + \$ 7.25*
Group 1	44.98 + \$ 7.25*
Group 2	44.98 + \$ 7.25*

* This portion is not subjected to overtime premiums.

SUPPLEMENTAL BENEFITS

Per hour:

Journeyworker	\$ 44.62
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Note: No payment of supplemental benefits is required on paid holidays, when employees do not work.

OVERTIME PAY

See (B, E, Q) on OVERTIME PAGE

Note: Saturday premium rate applies from 7:00 am on Saturday to 6:59 am Sunday

Note: Sunday premium rate applies from Sunday 7:00 am to Monday 6:59 am.

HOLIDAY

Paid: See (5, *11, 20) on HOLIDAY PAGE

HOLIDAY:

Overtime: See (21,22)** on HOLIDAY PAGE.

Note: See (5,20) Holiday pay -at the single time pay rate-shall be prorated based on 25% of a day's wages and benefits for each day worked during that calendar week.

**New Year's Day and Christmas Day: If an employee is performing work on these (2) days the employee will receive the single rate plus 25%.

* Columbus Day shall be an unpaid holiday. In the event work is performed on Columbus Day, wages shall be paid on a double time basis.

Note-When Independence day falls on Saturday, it will be observed on that Saturday, however, when it occurs on a Sunday, it will be observed on the Monday.

REGISTERED APPRENTICES

Wage per hour:

2000 hours term:

1st term	2nd term
1-1999	2000-4000
\$ 30.86 + \$ 7.25*	\$ 32.50 + \$ 7.25*

* This portion is not subjected to overtime premiums.

Supplemental Benefits per hour:

2000 hours term:

1st term	2nd term
1-1999	2000-4000
\$ 17.15	\$ 17.15

9-1010H/H

Laborer - Trac Drill

02/01/2024

JOB DESCRIPTION Laborer - Trac Drill

DISTRICT 9

ENTIRE COUNTIES

Bronx, Kings, New York, Queens, Richmond

WAGES

Group 1: Chipper/Jackhammer, Powder Carrier, Hydraulic Chuck tender, Chuck Tender and Nipper, Magazine Keeper

Group 2: Hydraulic Trac Drill

Group 3: Air Trac, Wagon and Quarry bar

Group 4: Blaster

Per Hour: 07/01/2023

Group 1	\$ 44.50
Group 2	51.85
Group 3	51.02
Group 4	57.71

SUPPLEMENTAL BENEFITS

Per Hour:

All Classifications 52.23

OVERTIME PAY

See (B, E, Q) on OVERTIME PAGE

When an observed holiday falls on a Saturday, work done shall be paid at double time.

HOLIDAY

Paid: See (2, 20) on HOLIDAY PAGE

Overtime: See (2, 5, 6, 11, 20) on HOLIDAY PAGE

REGISTERED APPRENTICES

Wage per hour:

1000 hour terms at the following hourly wage rate.

07/01/2023

1st	0 - 1000	\$ 22.25
2nd	1001-2000	26.70
3rd	2001-3000	33.38
4th	3001-4000	40.05

Supplemental Benefits per hour:

All Apprentices 52.23

9-731/29

Laborer - Tunnel

02/01/2024

JOB DESCRIPTION Laborer - Tunnel

DISTRICT 9

ENTIRE COUNTIES

Bronx, Kings, New York, Queens, Richmond

WAGES

GROUP 5: Blasters and Mucking Machine Operators

GROUP 6: Tunnel Workers* * (including Miners, Drill Runners, Iron Men, Maintenance Men, Inside Muck Lock Tender, Pumpmen, Electricians, Cement Finishers, Rod Men, Caulkers, Carpenters, Hydraulic Men, Shield Drivers, Monorail Operators, Motor Men, Conveyor Men, Safety Miners, Powder Carriers, Pan Men, Riggers, Miner's Helpers, Chuck Tenders, Track Men, Nippers, Brake Men, Form Workers, Concrete Workers, Tunnel Laborers, Caulker's Helpers), Hose Men, Grout Men, Gravel Men, Derail Men and Cable Men.

GROUP 7: Top Nipper

GROUP 8,9: Outside Man Lock Tender, Outside Muck Lock Tender, Shaft Men, Gauge Tender and Signal Men.

GROUP 10: Powder Watchmen, Top Laborers and Changehouse Attendants.

WAGES: (per hour)

07/01/2023

Laborer (Compressed Air):

GROUP 5	\$ 79.02
GROUP 6	76.21
GROUP 7	74.94
GROUP 8,9	73.43
GROUP 10	64.66

Note: For jobs bid before July 1, 2010 employer shall pay \$6.00 per day for each one half (1/2) mile or fraction starting from a point 500 feet from the shaft. For all jobs bid after July 1, 2010, said premium shall be \$10.00 per day.

SUPPLEMENTAL BENEFITS

SUPPLEMENTAL BENEFITS:

per hour:

GROUP 5	\$ 56.19
GROUP 6	54.44
GROUP 7	53.34
GROUP 8,9	52.51
GROUP 10	49.65

OVERTIME PAY

See (D, M, *R) on OVERTIME PAGE

NOTE: Time and one-half to be paid for all overtime repair-maintenance work on existing equipment and facilities.

* Straight time first 8 hours, double time after 8 hours.

HOLIDAY

Paid: See (5, 6, 9, 11, 12, 15, 16, 25) on HOLIDAY PAGE

Overtime: See (5, 6, 9, 11, 12, 15, 16, 25) on HOLIDAY PAGE

Good Friday may be exchanged for one of the holidays listed.

9-147Tnl/Comp Air

Mason

02/01/2024

JOB DESCRIPTION Mason

DISTRICT 4

ENTIRE COUNTIES

Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk

WAGES

Per Hour: 07/01/2023

Brick/Block Layer \$ 65.39

Base Wage for OT Calculation 55.24

SUPPLEMENTAL BENEFITS

Per Hour:

Brick/Block Layer \$ 32.60

OVERTIME PAY

See (A, E, E2, Q) on OVERTIME PAGE

Note: OT Calculated on Base Wage plus \$ 10.15/hr.

HOLIDAY

Paid: See (1) on HOLIDAY PAGE

Overtime: See (5, 6, 25) on HOLIDAY PAGE

REGISTERED APPRENTICES

(800 hour) Terms at the following Percentage of Journey workers "Base Wage" plus \$ 5.40/hr.:

1st	2nd	3rd	4th	5th
50%	60%	70%	80%	90%

Supplemental Benefits per hour:

All Apprentices \$ 23.60

4-1Brk

Mason - Building

02/01/2024

JOB DESCRIPTION Mason - Building

DISTRICT 9

ENTIRE COUNTIES

Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk, Westchester

WAGES

Building

07/01/2023

01/01/2024

Wages per hour:

Mosaic & Terrazzo Mechanic \$ 60.65

\$ 60.57

Mosaic & Terrazzo Finisher 59.04

58.96

SUPPLEMENTAL BENEFITS

Per hour:

Mosaic & Terrazzo Mechanic \$ 30.26*
 + \$9.16

\$ 31.36*
 + \$9.17

Mosaic & Terrazzo Finisher \$ 30.26*
 + \$9.15

\$ 31.36*
 + \$9.16

*This portion of benefits subject to same premium rate as shown for overtime wages.

OVERTIME PAY

See (A, E, Q) on OVERTIME PAGE

07/01/2023- Deduct \$7.25 from hourly wages before calculating overtime.

01/01/2024- Deduct \$7.00 from hourly wages before calculating overtime.

HOLIDAY

Paid: See (1) on HOLIDAY PAGE

Overtime: See (5, 6, 8, 11, 15, 16, 25) on HOLIDAY PAGE

Easter Sunday is an observed holiday. Holidays falling on a Saturday will be observed on that Saturday. Holidays falling on a Sunday will be celebrated on the Monday.

REGISTERED APPRENTICES

Wages Per hour:

	1st 0- 1500	2nd 1501- 3000	3rd 3001- 3750	4th 3751- 4500	5th 4501- 5250	6th 5251- 6000
07/01/2023	\$ 25.82	\$ 32.19	\$ 36.39	\$ 40.38	\$ 48.52	\$ 54.59
01/01/2024	\$ 25.05	\$ 32.21	\$ 37.93	\$ 38.99	\$ 47.18	\$ 55.38

Supplemental Benefits per hour:

07/01/2023	\$6.00* +\$3.21	\$7.72* +\$4.12	\$18.16* +\$5.50	\$23.27* +\$6.41	\$24.21* +\$7.33	\$27.24* +\$8.29
01/01/2024	\$7.12* +\$3.21	\$9.16* +\$4.12	\$17.22* +\$5.51	\$25.36* +\$6.42	\$26.36* +\$7.34	\$27.36* +\$8.25

*This portion of benefits subject to same premium rate as shown for overtime wages.

9-7/3

Mason - Building **02/01/2024**

JOB DESCRIPTION Mason - Building

DISTRICT 9

ENTIRE COUNTIES

Bronx, Kings, New York, Queens, Richmond

WAGES

Per hour:	07/01/2023	12/04/2023	06/03/2024 Additional
Tile Setters	\$ 63.46	\$ 63.98	\$ 0.73

SUPPLEMENTAL BENEFITS

Per Hour:	07/01/2023	12/04/2023
	\$ 26.46*	\$ 26.66*
	+ 10.05	+ 10.06

*This portion of benefits subject to same premium rate as shown for overtime wages.

OVERTIME PAY

See (B, *E, Q, V) on OVERTIME PAGE

Work beyond 10 hours on Saturday shall be paid at double the hourly wage rate.

HOLIDAY

Paid: See (1) on HOLIDAY PAGE
 Overtime: See (5, 6, 11, 15, 16, 25) on HOLIDAY PAGE

REGISTERED APPRENTICES

Wage per hour:

750 hour terms at the following wage rate:

	1st 1- 750	2nd 751- 1500	3rd 1501- 2250	4th 2251- 3000	5th 3001- 3750	6th 3751- 4500	7th 4501- 5250	8th 5251- 6000	9th 6001- 6750	10th 6501- 7000
07/01/2023	\$21.70	\$26.66	\$33.75	\$38.69	\$42.25	\$45.70	\$49.29	\$54.23	\$57.09	\$61.25
12/04/2023	\$21.96	\$26.95	\$34.10	\$39.08	\$42.68	\$46.16	\$49.79	\$54.77	\$56.66	\$61.90

Supplemental Benefits per hour:

	1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th
07/01/2023	\$12.55* + \$.73	\$12.55* + \$.78	\$15.36* + \$.88	\$15.36* + \$.88	\$16.36* + \$1.37	\$17.86* + \$1.42	\$18.86* + \$1.83	\$18.86* + \$1.88	\$16.86* + \$6.03	\$22.11* + \$6.61
12/04/2023										

\$12.55*	\$12.55*	\$15.36*	\$15.36*	\$16.36*	\$17.86*	\$18.86*	\$18.86*	\$16.86*	\$22.11*
+ \$0.73	+ \$0.78	+ \$0.89	+ \$0.94	+ \$1.38	+ \$1.43	+ \$1.84	+ \$1.89	+ \$6.04	+ \$6.62

*This portion of benefits subject to same premium rate as shown for overtime wages.

9-7/52

Mason - Building **02/01/2024**

JOB DESCRIPTION Mason - Building **DISTRICT 9**

ENTIRE COUNTIES

Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk, Westchester

WAGES

Per hour: 07/01/2023 07/03/2023

Building-Marble Restoration:
 Marble, Stone & \$ 47.22 \$ 47.44

Terrazzo Polisher

SUPPLEMENTAL BENEFITS

Per Hour:
 Journeyworker:

Building-Marble Restoration:
 Marble, Stone &
 Polisher \$ 30.29 \$ 30.64

OVERTIME PAY

See (B, *E, Q, V) on OVERTIME PAGE
 *ON SATURDAYS, 8TH HOUR AND SUCCESSIVE HOURS PAID AT DOUBLE HOURLY RATE.

HOLIDAY

Paid: See (1) on HOLIDAY PAGE
 Overtime: See (5, 6, 8, 11, 15, 25) on HOLIDAY PAGE
 1ST TERM APPRENTICE GETS PAID FOR ALL OBSERVED HOLIDAYS.

REGISTERED APPRENTICES

WAGES per hour:

900 hour term at the following wage:

1st	2nd	3rd	4th
1-900	901-1800	1801-2700	2701
\$ 33.04	\$ 37.78	\$ 42.49	\$ 47.22

Supplemental Benefits Per Hour:
 27.65 28.52 29.41 30.29

07/03/2023
 900 hour term at the following wage:

1st	2nd	3rd	4th
1-900	901-1800	1801-2700	2701
\$ 33.19	\$ 37.95	\$ 42.69	\$ 47.44

Supplemental Benefits Per Hour:
 27.99 28.86 29.76 30.64

9-7/24-MP

Mason - Building **02/01/2024**

JOB DESCRIPTION Mason - Building **DISTRICT 9**

ENTIRE COUNTIES

Bronx, Dutchess, Kings, Nassau, New York, Orange, Putnam, Queens, Richmond, Rockland, Suffolk, Sullivan, Ulster, Westchester

WAGES

Per Hour:

07/01/2023 7/03/2023

Marble Cutters & Setters \$ 62.82 \$ 63.12

SUPPLEMENTAL BENEFITS

Per Hour:

Journeyworker \$ 39.03 \$ 39.34

OVERTIME PAY

See (B, E, Q, V) on OVERTIME PAGE

HOLIDAY

Paid: See (1) on HOLIDAY PAGE

Overtime: See (5, 6, 8, 11, 15, 16, 25) on HOLIDAY PAGE

REGISTERED APPRENTICES

Wage Per Hour:

07/01/2023

750 hour terms at the following wage

1st	2nd	3rd	4th	5th	6th	7th	8th
0-3000	3001-3750	3751-4500	4501-5250	5251-6000	6001-6750	6751-7500	7500+
\$ 26.42	\$ 39.62	\$ 42.91	\$ 46.22	\$ 49.52	\$ 53.38	\$ 59.67	\$ 62.82

Supplemental Benefits per hour:

07/01/2023

1st	2nd	3rd	4th	5th	6th	7th	8th
\$ 25.38	\$ 28.86	\$ 29.74	\$ 30.60	\$ 31.48	\$ 36.44	\$ 38.17	\$ 39.03

07/03/2023

Wage Per Hour:

750 hour terms at the following wage.

1st	2nd	3rd	4th	5th	6th	7th	8th
0-3000	3001-3750	3751-4500	4501-5250	5251-6000	6001-6750	6751-7500	7500+
\$ 26.60	\$ 39.82	\$ 43.13	\$ 46.45	\$ 49.78	\$ 53.64	\$ 59.95	\$ 63.12

Supplemental Benefits Per Hour:

1st	2nd	3rd	4th	5th	6th	7th	8th
\$ 25.54	\$ 29.09	\$ 29.97	\$ 30.84	\$ 31.72	\$ 36.73	\$ 38.48	\$ 39.34

9-7/4

Mason - Building

02/01/2024

JOB DESCRIPTION Mason - Building

DISTRICT 9

ENTIRE COUNTIES

Bronx, Kings, New York, Queens, Richmond

WAGES

Per hour:	07/01/2023	12/04/2023	06/03/2024
Tile Finisher	\$ 48.78	\$ 49.16	Additional \$ 0.60

SUPPLEMENTAL BENEFITS

Per Hour:

\$ 23.31*	\$ 23.15*
+ \$9.87	+ \$9.88

* This portion of benefits is subject to same premium rate as shown for overtime wages.

OVERTIME PAY

See (A, *E, Q) on OVERTIME PAGE
 Double time rate after 10 hours on Saturdays

HOLIDAY

Paid: See (1) on HOLIDAY PAGE
 Overtime: See (5, 6, 11, 15, 16, 25) on HOLIDAY PAGE

9-7/88-tf

Mason - Building

02/01/2024

JOB DESCRIPTION Mason - Building

DISTRICT 9

ENTIRE COUNTIES

Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk, Westchester

WAGES

Per hour:	07/01/2023	07/03/2023
Marble, Stone, Maintenance Finishers:	\$ 27.26	\$ 27.44

Note 1: An additional \$2.00 per hour for time spent grinding floor using "60 grit" and below.

Note 2: Flaming equipment operator shall be paid an additional \$25.00 per day.

SUPPLEMENTAL BENEFITS

Per Hour:

Marble, Stone Maintenance Finishers:	\$ 14.97	\$ 15.20
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OVERTIME PAY

See (B, *E, Q, V) on OVERTIME PAGE
 *Double hourly rate after 8 hours on Saturday

HOLIDAY

Paid: See (5, 6, 8, 11, 15, 25) on HOLIDAY PAGE
 Overtime: See (5, 6, 8, 11, 15, 25) on HOLIDAY PAGE

1st term apprentice gets paid for all observed holidays.

REGISTERED APPRENTICES

WAGES per hour:	07/01/2023	07/03/2023
0-750	\$ 21.89	\$ 22.04
751-1500	22.60	\$ 22.75
1501-2250	23.32	\$ 23.48
2251-3000	24.04	\$ 24.20
3001-3750	25.11	\$ 25.27
3751-4500	26.54	\$ 26.72
4501+	27.26	\$ 27.44

Supplemental Benefits:

Per hour:		
0-750	12.03	\$ 12.24
751-1500	12.43	\$ 12.64
1501-2250	12.82	\$ 13.03
2251-3000	13.21	\$ 13.42
3001-3750	13.80	\$ 14.02
3751-4500	14.58	\$ 14.80
4501+	14.97	\$ 15.20

9-7/24M-MF

Mason - Building / Heavy&Highway

02/01/2024

JOB DESCRIPTION Mason - Building / Heavy&Highway

DISTRICT 9

ENTIRE COUNTIES

Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk, Westchester

WAGES

Per hour:	07/01/2023	07/03/2023	01/01/2024
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Marble-Finisher \$ 49.32 \$ 49.65 \$ 49.92

SUPPLEMENTAL BENEFITS

Journeyworker:
 Per hour

Marble- Finisher \$ 36.62 \$ 36.67 \$ 36.93

OVERTIME PAY

See (B, E, Q, V) on OVERTIME PAGE
 Work beyond 8 hours on a Saturday shall be paid at double the rate.

HOLIDAY

Overtime: See (5, 6, 8, 11, 15, 16, 25) on HOLIDAY PAGE
 When an observed holiday falls on a Sunday, it will be observed the next day.

9-7/20-MF

Mason - Building / Heavy&Highway 02/01/2024

JOB DESCRIPTION Mason - Building / Heavy&Highway **DISTRICT 4**

ENTIRE COUNTIES
 Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk

WAGES

Per Hour: 07/01/2023

Cement Mason \$ 53.77

SUPPLEMENTAL BENEFITS

Per Hour:

Cement Mason \$ 34.16
 1.5 X overtime rate \$ 61.70
 2 X overtime rate \$ 68.32

OVERTIME PAY

See (B1, Q) on OVERTIME PAGE

HOLIDAY

Paid: See (1) on HOLIDAY PAGE
 Overtime: See (5, 6, 8, 11, 13, 25) on HOLIDAY PAGE

REGISTERED APPRENTICES

(1) year terms at the following Percentage of Journeyworkers Wage.

1st Term \$ 19.92
 2nd Term \$ 24.82
 3rd Term \$ 30.22

Supplement Benefits per hour paid:

		1.5X OT	2X OT
1st Term	\$ 14.36	\$ 21.55	\$ 28.72
2nd Term	\$ 14.66	\$ 22.00	\$ 29.32
3rd Term	\$ 14.77	\$ 22.16	\$ 29.54

4-780

Mason - Building / Heavy&Highway 02/01/2024

JOB DESCRIPTION Mason - Building / Heavy&Highway **DISTRICT 4**

ENTIRE COUNTIES
 Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk

WAGES

NOTE: Shall include but not limited to Precast concrete slabs (London Walks) Marble and Granite pavers 2'x 2' or larger.
 Per Hour:

	07/01/2023	05/01/2024
		Additional
Stone Setter	\$ 68.45	\$ 3.32*
Base Rate	52.76	
Stone Tender	51.82	
Base Rate	44.54	

(*)To be allocated at a later date.

SUPPLEMENTAL BENEFITS

Per Hour:

Stone Setter \$ 40.78

Stone Tender 23.15

OVERTIME PAY

See (*C, **E, Q) on OVERTIME PAGE

Base Rates are used to Calculate Overtime Premiums then adding in:

\$15.69/Hr. for Stone Setter and \$7.28/Hr. for Stone Tender

* On weekdays the eighth (8th) and ninth (9th) hours are time and one-half all work thereafter is paid at double the hourly rate.

** The first nine (9) hours on Saturday is paid at time and one-half all work thereafter is paid at double the hourly rate.

HOLIDAY

Paid: See (*18) on HOLIDAY PAGE

Overtime: See (5, 6, 10) on HOLIDAY PAGE

Paid: *Must work first 1/2 of day

REGISTERED APPRENTICES

Per Hour:

Stone Setter(800 hour) terms at the following Percentage of Stone Setters Base wage rate per hour plus \$7.33:

1st	2nd	3rd	4th	5th	6th
50%	60%	70%	80%	90%	100%

Supplemental Benefits:

All Apprentices \$ 25.50

4-1Stn

Mason - Heavy&Highway

02/01/2024

JOB DESCRIPTION Mason - Heavy&Highway

DISTRICT 4

ENTIRE COUNTIES

Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk

WAGES

Per Hour: 07/01/2023

Pointer, Caulkers & Cleaners \$ 62.19

SUPPLEMENTAL BENEFITS

Per Hour:

Pointer, Cleaners & Caulkers \$ 30.65

OVERTIME PAY

See (B, E2, H) on OVERTIME PAGE

HOLIDAY

Paid: See (1) on HOLIDAY PAGE

Overtime: See (5, 6, 25, 26) on HOLIDAY PAGE

REGISTERED APPRENTICES

Wages per hour:

One (1) year terms at the following wage rates.

1st	2nd	3rd	4th
\$ 31.48	\$ 35.54	\$ 41.14	\$ 49.50

Apprentices Supplemental Benefits:

(per hour paid)

\$ 15.30	\$ 20.00	\$ 23.75	\$ 24.75
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4-1PCC

Operating Engineer - Building

02/01/2024

JOB DESCRIPTION Operating Engineer - Building

DISTRICT 9

ENTIRE COUNTIES

Bronx, Kings, New York, Putnam, Queens, Richmond, Westchester

PARTIAL COUNTIES

Dutchess: that part of Dutchess County lying south of the North City Line of the City of Poughkeepsie.

WAGES

NOTE: Construction surveying

Party Chief--One who directs a survey party

Instrument Man--One who runs the instrument and assists Party Chief.

Rodman--One who holds the rod and assists the Survey Crew

Wages:(Per Hour) 07/01/2023

Building Construction:

Party Chief	\$ 77.39
Instrument Man	61.25
Rodman	41.39

Steel Erection:

Party Chief	80.16
Instrument Man	63.60
Rodman	44.23

Heavy Construction-NYC counties only:
(Foundation, Excavation.)

Party Chief	85.74
Instrument man	64.40
Rodman	54.90

SUPPLEMENTAL BENEFITS

Per Hour: 07/01/2023

Building Construction	\$ 28.04* +\$ 7.65
Steel Erection	28.64* +\$ 7.65
Heavy Construction	28.85* +\$ 7.64

* This portion subject to same premium as wages

Non-Worked Holiday Supplemental Benefit:

21.19

OVERTIME PAY

See (A, B, E, Q) on OVERTIME PAGE

Code "A" applies to Building Construction and has double the rate after 7 hours on Saturdays.

Code "B" applies to Heavy Construction and Steel Erection and had double the rate after 8 hours on Saturdays.

HOLIDAY

Paid: See (5, 6, 9, 11, 15, 16, 25) on HOLIDAY PAGE

Overtime: See (5, 6, 9, 11, 15, 16, 25) on HOLIDAY PAGE

9-15Db

Operating Engineer - Building, Maintenance, Steel Erection & Heavy Construction

02/01/2024

JOB DESCRIPTION Operating Engineer - Building, Maintenance, Steel Erection & Heavy Construction

DISTRICT 9

ENTIRE COUNTIES

Bronx, Kings, New York, Queens, Richmond

WAGES

STEEL ERECTION:

Group 1: Derrick, travelers, tower, crawler tower & climbing cranes

Group 2: Oiler (Truck Crane)

Group 3: Oiler (Crawler Crane)

BUILDING CONSTRUCTION:

Group 1: Installing, repairing, maintaining, dismantling of all equipment including Steel cutting & bending machines, mechanical heaters, mine hoists, climbing cranes, tower cranes, Linden Peine, Lorain, Liebherr, Mannes and machines of a similar nature; Well Point system, Deep Well pumps, Concrete mixers with loading devices, Concrete plants, motor generators (When used for temporary power and lights)(Driving maintenance trucks and mounted-welded machines)-All Pumps(excluding River Cofferdam Pumps and Well Point Pumps), Motorized Concrete Buggies(When three or more are on job site), Skid-Steer and similar machines

Group 2: Maintenance of: Pumps, Generators, Mixers, Heaters

Group 3: Oilers of all gasoline, electric, diesel or air operated Gradalls; Concrete Pumps, Overhead Cranes in Power Houses, Assist in oiling, greasing and repairing of all machines, including: Driving Truck Cranes, Driving and operating Fuel and Grease Trucks, Cherry Pickers(Hydraulic Cranes) over 70,000 GVW and machines of a similar nature

Group 4: Oiler on Crawler Cranes, Backhoes, Trenching Machines, Guniting Machines, Compressors(3 or more in battery)

Group 5: Maintenance on Radiant Mechanical Heaters

HEAVY CONSTRUCTION (Excavation, Foundations, etc)

Group 1: Maintenance of: Generators, Light Towers

Group 2: Maintenance of: Pumps, Mixers including mudsucking

Group 3: Base Mounted Tower Cranes

Group 4: Installing, repairing, maintaining, dismantling(of all equipment including Steel cutting & Bending machines, Fusion Coupling Machines, Vermeer Trenching machines, on-site crushing plant, mechanical heaters(1 through 7), Mine hoists, Tower Cranes, Linden Peine, Lorrain, Liebherr, Mannes or machines of a similar nature, Wellpoints)-Driving maintenance trucks and truck mounted welding machines, burning, welding-operating of accumulator for shield-driven tunnels, in addition to the performance of other duties: Handling, installation, jointing, coupling of all permanent steel and plastic pipe. RIDE UPON MOLES-tunnel boring machines-MICRO TUNNELING SYSTEMS, All temporary pipefitting; When three or more motorized concrete buggies(Ride type)are utilized on the jobsite they shall be serviced, maintained and repaired by the maintenance engineer. The Operating Engineer on autogrades(C.M.I.)is to be assisted by the maintenance engineer who shall in addition perform other duties.

WAGES:

Per hour: 07/01/2023

Steel Erection:

Group 1 \$ 78.26

Group 2 74.05

Group 3 57.92

Building Construction:

Group 1 \$ 73.54

Group 2 58.49

Group 3 70.22

Group 4 53.75

Group 5 47.20

Heavy Construction:

Group 1 \$ 56.10

Group 2 57.38

Group 3 105.22

Group 4 81.67

SUPPLEMENTAL BENEFITS

Per Hour: 07/01/2023

Building Construction \$ 29.40* plus \$7.40

Steel Erection & Heavy 29.90* plus \$7.40

* This portion of benefits subject to same premium as wages.

Non-Worked Holiday Supplemental Benefits:

23.47

OVERTIME PAY

See (D, O) on OVERTIME PAGE

HOLIDAY

Paid: See (5, 6, 9, 11, 15, 16, 25) on HOLIDAY PAGE

Overtime: See (5, 6, 9, 11, 15, 16, 25) on HOLIDAY PAGE

REGISTERED APPRENTICES

Wages Per Hour:

(1) year terms at the following wage rates:

1st	2nd	3rd	4th.
\$ 37.28	\$ 44.23	\$ 47.70	\$ 51.17

Supplemental Benefits:

Per Hour:

All Terms \$ 15.65* Plus 7.40

* This portion of benefits subject to same OT premium as wages.

9-15Ab

Operating Engineer - Building / Heavy&Highway

02/01/2024

JOB DESCRIPTION Operating Engineer - Building / Heavy&Highway

DISTRICT 9

ENTIRE COUNTIES

Bronx, Kings, New York, Queens, Richmond

WAGES

EQUIPMENT COVERED: Jet-Rodder/Vacuum Truck, Flusher, Sewer Rodder, Stetco Hoist and similar, Sewer Winch/Tugger Hoist and similar, Vacall/Vactor, Closed Circuit Television Inspection Equipment, Chemical Grouting Equipment and similar, John Beame, Meyers and similar.

Per Hour: 07/01/2023

Maintenance Engineer \$ 81.67
(Sewer Systems)

SUPPLEMENTAL BENEFITS

Per Hour: 07/01/2023

Journeyman 29.90*
plus \$ 7.40

*This portion of benefits subject to same premium as wages.

Non-Worked Holiday Supplemental Benefits:

23.94

OVERTIME PAY

See (D, O) on OVERTIME PAGE

HOLIDAY

Paid: See (5, 6, 7, 11, 16) on HOLIDAY PAGE

Overtime: See (5, 6, 7, 11, 16) on HOLIDAY PAGE

REGISTERED APPRENTICES

Per Hour:

(1) year terms at the following wage rates.

1st	2nd	3rd	4th
\$37.28	\$44.23	\$47.70	\$51.17

Supplemental Benefits:

Per Hour:

All Apprentices: \$ 15.65* plus \$ 7.40

* This portion of benefits subject to the same premium as overtime wages

9-15Sewer

Operating Engineer - Building / Heavy&Highway

02/01/2024

JOB DESCRIPTION Operating Engineer - Building / Heavy&Highway

DISTRICT 4

ENTIRE COUNTIES

Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk

WAGES

Per Hour: 07/01/2023 08/01/2023

Well Driller \$ 40.63 \$ 41.85

Well Driller Helper 34.17 \$ 36.26

Hazardous Waste Differential
 Added to Hourly Wage:

Level A \$ 3.00
 Level B 2.00
 Level C 1.00

Monitoring Well Work
 Add to Hourly Wage:

Level A \$ 3.00
 Level B 2.00

SUPPLEMENTAL BENEFITS

Per Hour:

Well Driller & Helper 10% of straight time rate plus \$ 13.50

Additional \$ 4.25/Hr. for Premium Time Hours Worked

OVERTIME PAY

See (B2, P, S) on OVERTIME PAGE

HOLIDAY

Paid: See (5, 6, 16, 23) on HOLIDAY PAGE
 Overtime: See (5, 6, 16, 23) on HOLIDAY PAGE

REGISTERED APPRENTICES

Apprentices at 12 Month Terms

Wages Per Hour:

1st Term \$ 28.00
 2nd Term 29.00
 3rd Term 30.00

SUPPLEMENTAL BENEFITS

Per Hour:

All Terms 10% of Wage + \$ 13.50

Additional \$4.25/Hr. for premium time hours worked.

4-138well

Operating Engineer - Building & Steel Erection

02/01/2024

JOB DESCRIPTION Operating Engineer - Building & Steel Erection

DISTRICT 9

ENTIRE COUNTIES

Bronx, Kings, New York, Queens, Richmond

WAGES

Per Hour: 07/01/2023

STEEL ERECTION:

Three Drum Derricks \$ 104.60

Cranes, Two Drum Derricks, Hydraulic Cranes & Fork Lifts,
 Boom Trucks 100.81

Compressors, Welding Machines 63.21

Compressors (not combined with welding machines) 60.56

BUILDING CONSTRUCTION:

Cranes, Stone Derrick, Boom Trucks, Hydraulic Cranes,	101.22
Double Drum	96.01
4 Pole Hoists and Single Drum Hoists	87.63
Fork Lifts, Plaster(Platform Machine)Plaster Bucket, Concrete Pumps and all other equipment used for hoisting	80.39
*House Cars and Rack & Pinion	71.20
*House Cars (New Projects)	58.32
Erecting and dismantling Cranes	88.49

Compressors, Welding Machines(Cutting Concrete-Tank Work), Paint Spraying, Sand Blasting, Pumps(With the exclusion of concrete pumps), House Car (Settlement basis only), All Engines irrespective of power(Power-Vac)used to drive auxiliary equipment Air, Hydraulic, etc., Boilers, Jacking System
 62.05

APPLICABLE TO ALL CATEGORIES:

CRANES: Crawler Or Truck

	In Addition To Above Crane Rates
100' to 149' Boom	\$ 1.75/hr
150' to 249' "	\$ 2.00/hr
250' to 349' "	\$ 2.25/hr
350' to 450' "	\$ 2.75/hr
Tower Crane	\$ 2.00/hr

SUPPLEMENTAL BENEFITS

Per Hour: 07/01/2023

All Operator Classes \$ 25.40*
 plus \$ 6.20

* This portion of the benefits is subject to the same premium as shown for overtime wages.

OVERTIME PAY

See (*B, **C, ***D, O) on OVERTIME PAGE

*Applies to House Cars and Rack & Pinion after 8 hours worked in a day, Saturday, Sunday and Holidays

**Applies to Building Construction category

***Applies to Steel Erection

HOLIDAY

Paid: See (5, 6, 7, 8, 11, 12, 16, 26) on HOLIDAY PAGE

Overtime: See (5, 6, 7, 8, 11, 12, 16, 26) on HOLIDAY PAGE

Codes 8 and 12 apply ONLY to Steel Erection

Code 16 applies ONLY to Building Construction

REGISTERED APPRENTICES

Wage Per Hour:

Apprentices (1) year terms at the following rates:

	1st	2nd	3rd
07/01/2023	\$ 43.95	\$ 53.21	\$ 62.47

Supplemental Benefits Per Hour:

07/01/2023
 Straight Time \$ 14.90*
 plus \$ 6.20

* This portion of benefits subject to the same premium as shown for overtime wages.

9-14 B&S

Operating Engineer - Heavy Construction 1

02/01/2024

JOB DESCRIPTION Operating Engineer - Heavy Construction 1

DISTRICT 9

ENTIRE COUNTIES

Bronx, Kings, New York, Queens, Richmond

WAGES

(For Groups 23 - 28, see Operating Engineer - Heavy Construction 2)

Group 1: Tower Crane/Climbing Crane

Group 2: Backhoes (Including all track and rubber tire backhoes over 37,000 lbs), Power Shovels, Steel Erection: Hydraulic Clam Shells, Moles and machines of a similar nature

Group 3: Mine Hoists, Cranes, etc, used as Mine Hoists

Group 4: Gradalls, Keystones, Cranes (With digging buckets), Bridge Cranes, Trenching Machines, Vermeer Cutter and machines of a similar nature

Group 5: Pile Drivers and Rigs (Employing Dock-Builders Foreman), Derrick Boats, Tunnel Shovels,

Group 6: All Drills and machines of a similar nature

Group 7: Back-Filling Machines and Cranes, Mucking Machines, Dual Drum Pavers

Group 8: Mixers (Concrete with loading attachment), Concrete Pavers, Cableways, Land Derricks, Power House (Low pressure units)

Group 9: Concrete Pumps, Concrete Plant, Stone Crushers, Double Drum Hoists, Power Houses (Other than above)

Group 10: Concrete Mixer

Group 11: Elevators

Group 12: Concrete Breaking Machines, Single Drum Hoists, Load Masters, Locomotives and Dinkies (Over 10 tons), Hydraulic Crane-Second Engineer

Group 13: On-Site Concrete Plant Engineers, On-Site Asphalt Plant Engineer and Vibratory Console

Group 14: Barrier Mover, Barrier Transport and machines of a similar nature

Group 15: Compressors (Portable, 3 or more), Truck Compressor (Engineer Driver), Tugger Machines, Well Point Pumps, Chum Drill

Group 16: Boilers(High pressure),Compressors, Pumps(River Cofferdam) and Welding Machines(except where arc is operated by another Operating Engineer) Push Button Machines, All Engines, irrespective of power(Power Pac) used to drive auxiliary equipment, Air, Hydraulic, etc.

Group 17: Utility-Horizontal Boring Rig

Group 18: Utility Compressors

Group 19: Paving-Asphalt Spreader, Autogrades (C.M.I.), Roto-Mill

Group 20: Paving-Asphalt Roller

Group 21 Paving-Asphalt Plant

Group 22: Roller (non paving, all sizes)

WAGES:(per hour) 07/01/2023

Group 1	\$ 120.29
Group 2	100.67
Group 3	103.65
Group 4	101.34
Group 5	99.50
Group 6	95.86
Group 7	97.51
Group 8	94.93
Group 9	93.11
Group 10	89.36
Group 11	84.03
Group 12	85.71
Group 13	86.28
Group 14	78.25
Group 15	67.08
Group 16	62.93
Group 17	90.70
Group 18	62.57
Group 19	94.93
Group 20	92.71
Group 21	79.64
Group 22	92.71

Cranes: Crawler or Truck

100' to 149' \$0.50 per hour additional to above Crane Rates

150' to 249' \$0.75 per hour additional to above Crane Rates

250' to 349' \$1.00 per hour additional to above crane Rates

350' to 450' \$1.50 per hour additional to above crane Rates

SUPPLEMENTAL BENEFITS

Per Hour:

Groups 1-22

Regular Time \$ 25.40* plus \$ 6.20

* This portion of benefits subject to the same premium as shown for wages.

Non-Worked Holiday Supplemental Benefits:
 \$ 19.95

OVERTIME PAY
 See (D, O) on OVERTIME PAGE

HOLIDAY
 Paid: See (5, 6, 7, 11, 16) on HOLIDAY PAGE
 Overtime: See (5, 6, 7, 11, 16) on HOLIDAY PAGE

REGISTERED APPRENTICES
 Per Hour:
 (1) year terms at the following wage rates:

Groups 1-22	1st	2nd	3rd
	43.95	53.21	62.47

Supplemental Benefits:

Groups 1-22	
Regular Time	\$ 14.90* plus \$ 6.20

* This portion of benefits is subject to the SAME PREMIUM as shown for overtime wages

9-14 HC

Operating Engineer - Heavy Construction 2 **02/01/2024**

JOB DESCRIPTION Operating Engineer - Heavy Construction 2 **DISTRICT 9**

ENTIRE COUNTIES
 Bronx, Kings, New York, Queens, Richmond

WAGES
 (For Groups 1 - 22, see Operating Engineer - Heavy Construction 1)

Group 23: Cherry Picker (Over 20 tons), Loader (Over 6 yards)

Group 24: Backhoes and Loaders (Up to 37,000lbs), Bulldozers, Scrapers, Turn-A-Pulls, Tugger Hoists, Tractors, Hysters, Roustabout Cranes, Conveyors, Ballast Regulators (Ride On), Track Removal Machine or similar, Motor Graders, Locomotives (10 tons and under), Curb & Gutter Pavers and machines of a similar nature

Group 25: Post Hole Digger, Ditch Winch, Road Finishing Machines, Rollers (5 tons and under, Dual Purpose Trucks, Forklifts, Dempsey Dumpsters, Fireman

Group 26: Service Engineer (Gradalls, Concrete Pumps, Cold Planers Grader)

Group 27: Service Mechanic (Shovels, Draglines, Crawler Cranes, Backhoes, Trenching Machines, Compressors (3 or more in battery)

Group 28: Steam Equipment Operator (Water rigs, steam shovels, power boilers, derrick boats)

WAGES:(per hour) 07/01/2023

Group 23	\$ 84.34
Group 24	82.03
Group 25	78.16
Group 26	74.26
Group 27	53.38
Group 28	78.16

Cranes: Crawler or Truck
 100' to 149' \$0.50 per hour additional to above Crane Rates
 150' to 249' \$0.75 per hour additional to above Crane Rates
 250' to 349' \$1.00 per hour additional to above crane Rates
 350' to 450' \$1.50 per hour additional to above crane Rates

SUPPLEMENTAL BENEFITS
 Per Hour:

Groups 23-28
 Regular Time 29.90* plus \$7.40

* This portion of benefits subject to the same premium as shown for wages.

Non-Worked Holiday Supplemental Benefits:
 23.47

OVERTIME PAY
 See (D, O) on OVERTIME PAGE

HOLIDAY
 Paid: See (5, 6, 7, 11, 16) on HOLIDAY PAGE
 Overtime: See (5, 6, 7, 11, 16) on HOLIDAY PAGE

REGISTERED APPRENTICES

Per Hour:
 (1) year terms at the following wage rates:

	1st	2nd	3rd	4th
Groups 23-28	\$37.28	\$44.23	\$47.70	\$51.17

Supplemental Benefits:
 Regular Time \$ 15.65* plus \$ 7.40

* This portion of benefits subject to same OT premium as wages.

9-15 HC

Operating Engineer - Marine Dredging **02/01/2024**

JOB DESCRIPTION Operating Engineer - Marine Dredging **DISTRICT 4**

ENTIRE COUNTIES
 Albany, Bronx, Cayuga, Clinton, Columbia, Dutchess, Essex, Franklin, Greene, Jefferson, Kings, Monroe, Nassau, New York, Orange, Oswego, Putnam, Queens, Rensselaer, Richmond, Rockland, St. Lawrence, Suffolk, Ulster, Washington, Wayne, Westchester

WAGES
 These wages do not apply to Operating Engineers on land based construction projects. For those projects, please see the Operating Engineer Heavy/Highway Rates. The wage rates below for all equipment and operators are only for marine dredging work in navigable waters found in the counties listed above.

Per Hour:	07/01/2023	10/01/2023
CLASS A1 Deck Captain, Leverman Mechanical Dredge Operator Licensed Tug Operator 1000HP or more.	\$ 43.94	\$ 45.26
CLASS A2 Crane Operator (360 swing)	39.16	40.33
CLASS B Dozer, Front Loader Operator on Land	To conform to Operating Engineer Prevailing Wage in locality where work is being performed including benefits.	
CLASS B1 Derrick Operator (180 swing) Spider/Spill Barge Operator Operator II, Fill Placer, Engineer, Chief Mate, Electrician, Chief Welder, Maintenance Engineer Licensed Boat, Crew Boat Operator	38.00	39.14
CLASS B2 Certified Welder	35.77	36.84
CLASS C1 Drag Barge Operator, Steward, Mate, Assistant Fill Placer	34.79	35.83

CLASS C2 Boat Operator	33.67	34.68
CLASS D Shoreman, Deckhand, Oiler, Rodman, Scowman, Cook, Messman, Porter/Janitor	27.97	28.81

SUPPLEMENTAL BENEFITS

Per Hour:
 THE FOLLOWING SUPPLEMENTAL BENEFITS APPLY TO ALL CATEGORIES

All Classes A & B	\$ 11.85 plus 6% of straight time wage, Overtime hours add \$ 0.63	\$ 12.00 plus 6% of straight time wage, Overtime hours add \$ 0.63
All Class C	\$ 11.60 plus 6% of straight time wage, Overtime hours add \$ 0.50	\$ 11.75 plus 6% of straight time wage, Overtime hours add \$ 0.50
All Class D	\$ 11.35 plus 6% of straight time wage, Overtime hours add \$ 0.38	\$ 11.60 plus 6% of straight time wage, Overtime hours add \$ 0.50

OVERTIME PAY
 See (B2, F, R) on OVERTIME PAGE

HOLIDAY
 Paid: See (1) on HOLIDAY PAGE
 Overtime: See (5, 6, 8, 15, 26) on HOLIDAY PAGE

4-25a-MarDredge

Operating Engineer - Survey Crew - Consulting Engineer **02/01/2024**

JOB DESCRIPTION Operating Engineer - Survey Crew - Consulting Engineer **DISTRICT 9**

ENTIRE COUNTIES
 Bronx, Kings, Nassau, New York, Putnam, Queens, Richmond, Suffolk, Westchester

PARTIAL COUNTIES
 Dutchess: That part in Dutchess County lying South of the North City line of Poughkeepsie.

WAGES
 Feasibility and preliminary design surveying, any line and grade surveying for inspection or supervision of construction.

Per hour: 07/01/2023
 Survey Classifications

Party Chief	\$ 47.15
Instrument Man	39.30
Rodman	34.35

SUPPLEMENTAL BENEFITS

Per Hour:
 All Crew Members: \$ 23.15

OVERTIME PAY
 OVERTIME:..... See (B, E*, Q, V) ON OVERTIME PAGE.
 *Double-time paid on the 9th hour on Saturday.

HOLIDAY
 Paid: See (5, 6, 7, 11, 16) on HOLIDAY PAGE
 Overtime: See (5, 6, 7, 11, 16) on HOLIDAY PAGE

9-15dconsult

Painter **02/01/2024**

JOB DESCRIPTION Painter **DISTRICT 8**

ENTIRE COUNTIES
 Bronx, Kings, Nassau, New York, Putnam, Queens, Richmond, Suffolk, Westchester

WAGES

Per hour:	07/01/2023
Brush	\$ 51.70*
Abatement/Removal of lead based or lead containing paint on materials to be repainted.	51.70*
Spray & Scaffold	\$ 54.70*
Fire Escape	54.70*
Decorator	54.70*
Paperhanger/Wall Coverer	54.48*

*Subtract \$ 0.10 to calculate premium rate.

SUPPLEMENTAL BENEFITS

Per hour:	
Paperhanger	\$ 34.60
All others	32.73
Premium	36.70**

**Applies only to "All others" category, not paperhanger journeyworker.

OVERTIME PAY
 See (A, H) on OVERTIME PAGE

HOLIDAY
 Paid: See (1) on HOLIDAY PAGE
 Overtime: See (5, 6, 16, 25) on HOLIDAY PAGE

REGISTERED APPRENTICES
 One (1) year terms at the following wage rate.

Per hour:	07/01/2023
Appr 1st term...	\$ 19.95*
Appr 2nd term...	25.56*
Appr 3rd term...	31.05*
Appr 4th term...	41.62*

*Subtract \$ 0.10 to calculate premium rate.

Supplemental benefits:

Per Hour:	
Appr 1st term...	\$ 16.06
Appr 2nd term...	19.95
Appr 3rd term...	23.02
Appr 4th term...	29.16

8-NYDC9-B/S

Painter **02/01/2024**

JOB DESCRIPTION Painter **DISTRICT 8**

ENTIRE COUNTIES
 Bronx, Kings, New York, Queens, Richmond

PARTIAL COUNTIES
 Nassau: Atlantic Beach, Ceaderhurst, East Rockaway, Hewlett, Hewlett Bay, Hewlett Neck, Hewlett Park, Inwood, Lawrence, Lido Beach, Long Beach, parts of Lynbrook, parts of Oceanside, parts of Valley Stream, and Woodmere. Starting on South side of Sunrise Hwy in Valley Stream running east to Windsor and Rockaway Ave, Rockville is the boundary line up to Lawson Blvd, turning right going west all the above territory. Starting at Union Turnpike & Lakeville Rd going north to northern Blvd. the west side of Lakeville Rd to Northern Blvd. At Northern Blvd doing east the district north of Northern blvd to Port Washington blvd. West of Port Washington blvd to St. Francis Hospital then north of first traffic light to Port Washington & Sands Point, Manor Haven, & Harbour Acres.

WAGES

Per hour:	07/01/2023
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Drywall Taper \$ 55.10

SUPPLEMENTAL BENEFITS

Per Hour:

Journeyworker: \$ 23.88

OVERTIME PAY

See (A, H) on OVERTIME PAGE

HOLIDAY

Paid: See (1) on HOLIDAY PAGE

Overtime: See (4, 6, 8, 11, 18, 19, 25, 26) on HOLIDAY PAGE

REGISTERED APPRENTICES

Wage per hour:

1st term \$ 21.29

2nd term 27.84

3rd term 33.29

4th term 44.20

Supplemental Benefits per hour:

1st term \$ 14.43

2nd term 18.16

3rd term 19.30

4th term 21.59

8-NYC9-1974-DWT

Painter - Bridge & Structural Steel

02/01/2024

JOB DESCRIPTION Painter - Bridge & Structural Steel

DISTRICT 8

ENTIRE COUNTIES

Albany, Bronx, Clinton, Columbia, Dutchess, Essex, Franklin, Fulton, Greene, Hamilton, Kings, Montgomery, Nassau, New York, Orange, Putnam, Queens, Rensselaer, Richmond, Rockland, Saratoga, Schenectady, Schoharie, Suffolk, Sullivan, Ulster, Warren, Washington, Westchester

WAGES

Per Hour:

STEEL:

Bridge Painting:	07/01/2023	10/01/2023
	\$ 54.50	\$ 56.00
	+ 10.10*	+ 10.35*

ADDITIONAL \$6.50 per hour for POWER TOOL/SPRAY, whether straight time or overtime.

NOTE: All premium wages are to be calculated on base rate per hour only.

* For the period of May 1st to November 15th, this amount is payable up to 40 hours. For the period of Nov 16th to April 30th, this amount is payable up to 50 hours. EXCEPTION: First and last week of employment, and for the weeks of Memorial Day, Independence Day and Labor Day, where the amount is paid for the actual number of hours worked (no cap).

NOTE: Generally, for Bridge Painting Contracts, ALL WORKERS on and off the bridge (including Flagmen) are to be paid Painter's Rate; the contract must be ONLY for Bridge Painting.

SHIFT WORK:

When directly specified in public agency or authority contract documents for an employer to work a second shift and works the second shift with employees other than from the first shift, all employees who work the second shift will be paid 10% of the base wage shift differential in lieu of overtime for the first eight (8) hours worked after which the employees shall be paid at time and one half of the regular wage rate. When a single irregular work shift is mandated in the job specifications or by the contracting agency, wages shall be paid at time and one half for single shifts between the hours of 3pm-11pm or 11pm-7am.

SUPPLEMENTAL BENEFITS

Per Hour:

Journeyworker:	\$ 11.78	\$ 12.43
	+ 30.85*	+ 31.55*

* For the period of May 1st to November 15th, this amount is payable up to 40 hours. For the period of Nov 16th to April 30th, this amount is payable up to 50 hours. EXCEPTION: First and last week of employment, and for the weeks of Memorial Day, Independence Day and Labor Day, where the amount is paid for the actual number of hours worked (no cap).

OVERTIME PAY

See (B, F, R) on OVERTIME PAGE

HOLIDAY

Paid: See (1) on HOLIDAY PAGE
 Overtime: See (4, 6) on HOLIDAY PAGE

REGISTERED APPRENTICES

Wage - Per hour:
 Apprentices: (1) year terms.

1st year	\$ 21.80 + 4.04	\$ 22.40 + 4.14
2nd year	\$ 32.70 + 6.06	\$ 33.60 + 6.21
3rd year	\$ 43.60 + 8.08	\$ 44.80 + 8.28
Supplemental Benefits - Per hour:		
1st year	\$.90 + 12.34	\$ 1.16 + 12.62
2nd year	\$ 7.07 + 18.51	\$ 7.46 + 18.93
3rd year	\$ 9.42 + 24.68	\$ 9.94 + 25.24

NOTE: All premium wages are to be calculated on base rate per hour only.

8-DC-9/806/155-BrSS

Painter - Metal Polisher

02/01/2024

JOB DESCRIPTION Painter - Metal Polisher

DISTRICT 8

ENTIRE COUNTIES

Albany, Allegany, Bronx, Broome, Cattaraugus, Cayuga, Chautauqua, Chemung, Chenango, Clinton, Columbia, Cortland, Delaware, Dutchess, Erie, Essex, Franklin, Fulton, Genesee, Greene, Hamilton, Herkimer, Jefferson, Kings, Lewis, Livingston, Madison, Monroe, Montgomery, Nassau, New York, Niagara, Oneida, Onondaga, Ontario, Orange, Orleans, Oswego, Otsego, Putnam, Queens, Rensselaer, Richmond, Rockland, Saratoga, Schenectady, Schoharie, Schuylar, Seneca, St. Lawrence, Steuben, Suffolk, Sullivan, Tioga, Tompkins, Ulster, Warren, Washington, Wayne, Westchester, Wyoming, Yates

WAGES

	07/01/2023
Metal Polisher	\$ 38.18
Metal Polisher*	39.28
Metal Polisher**	42.18

*Note: Applies on New Construction & complete renovation

** Note: Applies when working on scaffolds over 34 feet.

SUPPLEMENTAL BENEFITS

Per Hour: 07/01/2023

Journeyworker:
 All classification \$ 12.34

OVERTIME PAY

See (B, E, P, T) on OVERTIME PAGE

HOLIDAY

Paid: See (5, 6, 11, 15, 16, 25, 26) on HOLIDAY PAGE
 Overtime: See (5, 6, 11, 15, 16, 25, 26) on HOLIDAY PAGE

REGISTERED APPRENTICES

Wages per hour:
 One (1) year term at the following wage rates:

	07/01/2023
1st year	\$ 16.00
2nd year	17.00

3rd year	18.00
1st year*	\$ 16.39
2nd year*	17.44
3rd year*	18.54
1st year**	\$ 18.50
2nd year**	19.50
3rd year**	20.50

*Note: Applies on New Construction & complete renovation
 ** Note: Applies when working on scaffolds over 34 feet.

Supplemental benefits:
 Per hour:

1st year	\$ 8.69
2nd year	8.69
3rd year	8.69

8-8A/28A-MP

Plasterer

02/01/2024

JOB DESCRIPTION Plasterer

DISTRICT 9

ENTIRE COUNTIES

Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk

WAGES

Per hour:

	07/01/2023	08/01/2023
Building:		
Plasterer/Traditional &	\$ 46.00	\$ 47.72
Spraying Fireproofing	+ \$5.00*	+ \$5.00*

SUPPLEMENTAL BENEFITS

Per hour:

Journeyworker	\$ 23.15	\$ 25.35
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OVERTIME PAY

See (B, E, Q) on OVERTIME PAGE

*This portion is not subjected to OT premiums.

HOLIDAY

Paid: See (1) on HOLIDAY PAGE

Overtime: See (5, 6, 25) on HOLIDAY PAGE

REGISTERED APPRENTICES

Wages:	07/01/2023	08/01/2023
(per hour)		
800 hours term:		

1st term	\$ 25.44 + 2.75*	\$ 19.30+ 0.68*
2nd term	27.49 + 2.51*	\$ 22.53+ 0.81*
3rd term	32.38 + 3.50*	\$ 25.79+ 0.95*
4th term	34.68 + 3.75*	

*This portion is not subjected to OT premiums.

Supplemental Benefits:

(per hour):

(800) hours term:

1st term	\$ 14.70	\$ 11.59
2nd term	15.60	\$ 12.02
3rd term	17.43	\$ 12.52
4th term	18.35	

9-262

Plumber

02/01/2024

JOB DESCRIPTION Plumber

DISTRICT 9

ENTIRE COUNTIES

Bronx, Kings, New York, Queens, Richmond

WAGES

Per hour:

07/01/2023

Plumber \$ 72.50

Temporary Service** \$ 58.08

** Temporary Service- Includes Maintenance of cooling & heating apparatus, maintenance work on pneumatic systems during the construction period, and work on temporary heat. All hours paid at straight time, including holidays.

**THERE ARE NO HELPERS UNDER THIS CLASSIFICATION.

On tower work, bridges, elevated highway, or buildings, where pipe is being installed, fifty (50) or more feet vertically in a free drop from its base, an additional \$1.00 per hour.

SHIFT WORK:

Shift work, when directly specified in public agency or authority contract documents, and continues for a period of not less than ten (10) consecutive work days. A shift shall consist of seven(7) hours with one-half (1/2) hour for lunch after the first four (4) hours of each shift. A premium of thirty percent (30%) for wages and supplemental benefits on shift work performed Monday through Friday on the 4 P.M. and midnight shifts.

For shift work performed on weekends the shift premium shall be fifty percent (50%) of wages and supplemental benefits.

For shift work performed on holidays designated below, double time wages and supplemental benefits shall be paid. Also noted that the normal workday Monday through Friday 8:00 A.M. to 3:00 P.M. is not considered shift work, and therefore not subject to shift premium.

SUPPLEMENTAL BENEFITS

Per hour:

Plumber \$ 41.45

Temporary Service \$ 33.08

OVERTIME PAY

Plumber See (C, O, V) on OVERTIME PAGE.

HOLIDAY

Plumber Overtime: See (5, 6, 11, 15, 16, 25) on HOLIDAY PAGE.

Repairs & Maintenance Paid: See (1) on HOLIDAY PAGE.

Overtime: See (5, 6, 25) on HOLIDAY PAGE.

REGISTERED APPRENTICES

Wages per hour:

(1/2) year terms at the following wage:

1st	2nd	3rd&4th	5th&6th	7th&8th	9th	10th
\$16.78	\$19.78	\$28.99	\$31.09	\$33.94	\$35.34	\$47.41

Supplemental Benefits:

(1/2) year term at the following dollar amount:

1st	2nd	3rd-10th
\$5.43	\$6.43	\$21.95

9-1 Const

Plumber - Pump & Tank: Oil Trades Installation & Maintenance

02/01/2024

JOB DESCRIPTION Plumber - Pump & Tank: Oil Trades Installation & Maintenance

DISTRICT 9

ENTIRE COUNTIES

Bronx, Kings, New York, Queens, Richmond

WAGES

Per hour:

Pump & Tank 07/01/2023
 \$ 69.31

SUPPLEMENTAL BENEFITS

Per hour:

Plumber \$ 26.33

OVERTIME PAY

Pump & Tank See (B, F, H) on OVERTIME PAGE.

HOLIDAY

Paid: See (1) on HOLIDAY PAGE.

Overtime: See (5, 6, 10, 11, 12, 16, 25) on HOLIDAY PAGE.

9-1-P&T

Plumber - Repairs & Maintenance

02/01/2024

JOB DESCRIPTION Plumber - Repairs & Maintenance

DISTRICT 9

ENTIRE COUNTIES

Bronx, Kings, New York, Queens, Richmond

WAGES

Per hour:

Repairs & Maintenance 07/01/2023
 \$ 47.50

*Repair & Maintenance work is any repair and/or replacement of present plumbing system that does not change existing roughing or water supply lines. Projects regardless of work type which have approved plans and specifications wherein the plumbing exceeds \$725,000 are excluded.

SUPPLEMENTAL BENEFITS

Per hour:

Repair \$ 19.06
 Maintenance

OVERTIME PAY

Repairs & Maintenance See (B, H) on OVERTIME PAGE.

HOLIDAY

Repairs & Maintenance

Paid: See (1) on HOLIDAY PAGE.

Overtime: See (5, 6, 25) on HOLIDAY PAGE.

REGISTERED APPRENTICES

Note: The Repairs & Maintenance Category has NO Apprentices.

9-1 R&M

Roofer

02/01/2024

JOB DESCRIPTION Roofer

DISTRICT 9

ENTIRE COUNTIES

Bronx, Dutchess, Kings, New York, Orange, Putnam, Queens, Richmond, Rockland, Sullivan, Ulster, Westchester

WAGES

Per Hour:	07/01/2023	05/01/2024
		Additional
Roofer/Waterproofeer	\$ 46.50	\$2.50
	+ \$7.00*	

* This portion is not subjected to overtime premiums.

Note: Abatement/Removal of Asbestos containing roofs and roofing material is classified as Roofer.

SUPPLEMENTAL BENEFITS

Per Hour: \$ 31.37

OVERTIME PAY

See (B, H) on OVERTIME PAGE

Note: An observed holiday that falls on a Sunday will be observed the following Monday.

HOLIDAY

Paid: See (1) on HOLIDAY PAGE
 Overtime: See (5, 6) on HOLIDAY PAGE

REGISTERED APPRENTICES

(1) year term apprentices indentured prior to 01/01/2023

	1st	2nd	3rd	4th
	\$ 16.28	\$ 23.25	\$ 27.90	\$ 34.88
		+ 3.50*	+ 4.20*	+ 5.26*

Supplements:

	1st	2nd	3rd	4th
	\$ 4.03	\$ 15.85	\$ 18.95	\$ 23.61

* This portion is not subjected to overtime premiums.

(1) year term apprentices indentured after 01/01/2023

	1st	2nd	3rd	4th	5th
	\$ 17.67	\$ 20.93	\$ 23.25	\$ 27.90	\$ 34.88
		+ 3.16*	+ 3.50*	+ 4.20*	+ 5.26

Supplements:

	1st	2nd	3rd	4th	5th
	\$ 7.61	\$ 14.29	\$ 15.85	\$ 18.95	\$ 23.61

* This portion is not subjected to overtime premiums.

9-8R

Sheetmetal Worker	02/01/2024
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JOB DESCRIPTION Sheetmetal Worker

DISTRICT 4

ENTIRE COUNTIES

Bronx, Kings, Nassau, New York, Queens, Richmond, Rockland, Suffolk, Westchester

WAGES

Per Hour: 07/01/2023

Sign Erector \$ 56.00

NOTE: Structurally Supported Overhead Highway Signs(See STRUCTURAL IRON WORKER CLASS)

SUPPLEMENTAL BENEFITS

Per Hour: 07/01/2023

Sign Erector \$ 55.66

OVERTIME PAY

See (A, F, S) on OVERTIME PAGE

HOLIDAY

Paid: See (5, 6, 10, 11, 12, 16, 25) on HOLIDAY PAGE
 Overtime: See (5, 6, 10, 11, 12, 16, 25) on HOLIDAY PAGE

REGISTERED APPRENTICES

Per Hour:

6 month Terms at the following percentage of Sign Erectors wage rate:

1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th
35%	40%	45%	50%	55%	60%	65%	70%	75%	80%

SUPPLEMENTAL BENEFITS

Per Hour:

07/01/2023

1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th
\$ 14.95	\$ 16.95	\$ 18.93	\$ 20.93	\$ 28.56	\$ 31.05	\$ 33.57	\$ 36.05	\$ 38.56	\$ 41.05

4-137-SE

Sheetmetal Worker	02/01/2024
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JOB DESCRIPTION Sheetmetal Worker

DISTRICT 4

ENTIRE COUNTIES

Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk

WAGES

Per Hour:	7/01/2023	11/01/2023
Sheetmetal Worker	\$ 59.94	\$ 61.09
Maintenance of Fans Temporary Operation	\$ 47.95	\$ 48.87

SUPPLEMENTAL BENEFITS

Per Hour:		
Sheetmetal Worker	\$ 51.16	\$ 53.25
Maintenance Worker	\$ 51.16	\$ 53.25

OVERTIME PAY

See (B, E, E2, Q, V) on OVERTIME PAGE
 For Maintenance See Codes B,E, Q & V

HOLIDAY

Paid: See (1) on HOLIDAY PAGE
 Overtime: See (5, 6, 11, 15, 16, 25, 26) on HOLIDAY PAGE

REGISTERED APPRENTICES

Per Hour:Wages

Six(6) Month Terms As Follows:

1st & 2nd Term	\$ 20.85	\$ 21.26
3rd & 4th Term	26.87	27.39
5th & 6th Term	32.89	33.52
7th & 8th Term	41.94	42.75
9th Term	47.53	48.55

Per Hour: Supplemental Benefits

1st & 2nd Term	\$ 19.02	\$ 19.66
3rd & 4th Term	25.90	26.73
5th & 6th Term	30.55	31.57
7th & 8th Term	37.49	38.78
9th Term	42.14	43.62

Steamfitter

02/01/2024

JOB DESCRIPTION Steamfitter

DISTRICT 4

ENTIRE COUNTIES

Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk

WAGES

Per Hour:	07/01/2023	01/01/2024 Additional	07/01/2024 Additional
AC Service/Heat Service & Refrigeration	\$ 44.85	\$1.25/Hr.*	\$1.25/Hr.*

(*)To be allocated at a later date.

Refrigeration, A/C, Oil Burner and Stoker Service and Repair.

NOTE: Refrigeration Compressor installation. (Not to exceed 5 Hp combined on any one project).

NOTE: Air Condition / Heating Compressor installation.(Not to exceed 15 tons combined on any one project).

SUPPLEMENTAL BENEFITS

Per Hour Worked:

AC Service/Heat Service	\$ 20.71
Per Hour Paid:	17.65

OVERTIME PAY

See (B, E, Q) on OVERTIME PAGE

HOLIDAY

Paid: See (5, 6, 11, 15, 25, 26) on HOLIDAY PAGE

REGISTERED APPRENTICES

1 year terms

Wages per hour:

1st Term	\$ 21.71
2nd Term	26.21
3rd Term	30.53
4th Term	36.87

Benefits per hour Worked:

Per Hour Paid:		Per Hour Paid:
1st Term	\$ 14.20	\$ 11.14
2nd Term	14.57	12.48
3rd Term	15.91	13.38
4th Term	17.72	15.77

4-638B-StmFtrRef

Steamfitter

02/01/2024

JOB DESCRIPTION Steamfitter

DISTRICT 4

ENTIRE COUNTIES

Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk

WAGES

Per Hour: 07/01/2023

Sprinkler/Steam \$ 69.11
 AC/Heat Fitter

Temporary 52.54
 Heat & AC
 Fitter

Note: Add 15% to Hourly Wage for "Contracting Agency" Mandated Off Shift Work.

SUPPLEMENTAL BENEFITS

Per Hour:

Sprinkler/Steam \$ 53.24
 Fitter

Temporary 43.67
 Heat & AC
 Fitter

Note: Add 15% to Hourly Benefit for "Contracting Agency" Mandated Off Shift Work.

OVERTIME PAY

Note: The posted overtime rates are applicable after 8 hours plus Saturday, Sunday and Holidays on Fire Protection/Sprinkler contracts under \$3,000,000.00 and HVAC/Mechanical contracts under \$30,000,000.00:

Sprinkler/Steam	Wages \$ 138.22	Benefit \$ 106.48
Temp Heat/AC	Wages \$ 105.08	Benefit \$ 87.34

HOLIDAY

Paid: See (1) on HOLIDAY PAGE
 Overtime: See (5, 6, 11, 16, 25) on HOLIDAY PAGE

REGISTERED APPRENTICES

1 year Terms at the Following:

WAGES per hour:

1st Term	2nd Term	3rd Term	4th Term	5th Term
\$ 27.68	\$ 34.59	\$ 41.49	\$ 48.40	\$ 55.30

SUPPLEMENTAL BENEFIT per hour:

1st Term	2nd Term	3rd Term	4th Term	5th Term
\$ 21.80	\$ 27.05	\$ 32.28	\$ 37.53	\$ 42.76

Premium Time Amounts:	43.60	54.10	64.56	75.06	85.52
					4-638A-StmSpFtr

Teamster - Heavy Construction **02/01/2024**

JOB DESCRIPTION Teamster - Heavy Construction **DISTRICT 4**

ENTIRE COUNTIES
 Bronx, Kings, New York, Queens, Richmond

WAGES

Per Hour:

Dump Trucks/Drivers (Debris Removal, Street Level and below)

	07/01/2023	07/01/2024 Additional
Dump Trucks	\$ 43.835	\$ 7.93
Tractor Trailers	46.115	6.60
Euclid/Turnapull	46.68	6.60

SUPPLEMENTAL BENEFITS

Per Hour:

Dump Trucks
 Up to 40 Hours Worked \$ 51.5525

ALL OTHERS
 Up to 40 Hours Worked 51.5025

OVERTIME PAY

See (B, E, Q) on OVERTIME PAGE

HOLIDAY

Paid: See (5, 6, 11, 15, 16, 25) on HOLIDAY PAGE

Note: Employees receive 2 hours of Holiday Pay for each day worked in holiday week (not to exceed 8 hours)

Note: Employees receive 5 1/3 hours of Holiday Pay for each day worked in Thanksgiving Holiday Week.

4-282

Welder **02/01/2024**

JOB DESCRIPTION Welder **DISTRICT 1**

ENTIRE COUNTIES
 Albany, Allegany, Bronx, Broome, Cattaraugus, Cayuga, Chautauqua, Chemung, Chenango, Clinton, Columbia, Cortland, Delaware, Dutchess, Erie, Essex, Franklin, Fulton, Genesee, Greene, Hamilton, Herkimer, Jefferson, Kings, Lewis, Livingston, Madison, Monroe, Montgomery, Nassau, New York, Niagara, Oneida, Onondaga, Ontario, Orange, Orleans, Oswego, Otsego, Putnam, Queens, Rensselaer, Richmond, Rockland, Saratoga, Schenectady, Schoharie, Schuylar, Seneca, St. Lawrence, Steuben, Suffolk, Sullivan, Tioga, Tompkins, Ulster, Warren, Washington, Wayne, Westchester, Wyoming, Yates

WAGES

Per hour 07/01/2023

Welder: To be paid the same rate of the mechanic performing the work.*

*EXCEPTION: If a specific welder certification is required, then the 'Certified Welder' rate in that trade tag will be paid.

OVERTIME PAY

HOLIDAY

1-As Per Trade

Overtime Codes

Following is an explanation of the code(s) listed in the OVERTIME section of each classification contained in the attached schedule. Additional requirements may also be listed in the HOLIDAY section.

NOTE: Supplemental Benefits are 'Per hour worked' (for each hour worked) unless otherwise noted

- (AA) Time and one half of the hourly rate after 7 and one half hours per day
- (A) Time and one half of the hourly rate after 7 hours per day
- (B) Time and one half of the hourly rate after 8 hours per day
- (B1) Time and one half of the hourly rate for the 9th & 10th hours week days and the 1st 8 hours on Saturday.
Double the hourly rate for all additional hours
- (B2) Time and one half of the hourly rate after 40 hours per week
- (C) Double the hourly rate after 7 hours per day
- (C1) Double the hourly rate after 7 and one half hours per day
- (D) Double the hourly rate after 8 hours per day
- (D1) Double the hourly rate after 9 hours per day
- (E) Time and one half of the hourly rate on Saturday
- (E1) Time and one half 1st 4 hours on Saturday; Double the hourly rate all additional Saturday hours
- (E2) Saturday may be used as a make-up day at straight time when a day is lost during that week due to inclement weather
- (E3) Between November 1st and March 3rd Saturday may be used as a make-up day at straight time when a day is lost during that week due to inclement weather, provided a given employee has worked between 16 and 32 hours that week
- (E4) Saturday and Sunday may be used as a make-up day at straight time when a day is lost during that week due to inclement weather
- (E5) Double time after 8 hours on Saturdays
- (F) Time and one half of the hourly rate on Saturday and Sunday
- (G) Time and one half of the hourly rate on Saturday and Holidays
- (H) Time and one half of the hourly rate on Saturday, Sunday, and Holidays
- (I) Time and one half of the hourly rate on Sunday
- (J) Time and one half of the hourly rate on Sunday and Holidays
- (K) Time and one half of the hourly rate on Holidays
- (L) Double the hourly rate on Saturday
- (M) Double the hourly rate on Saturday and Sunday
- (N) Double the hourly rate on Saturday and Holidays
- (O) Double the hourly rate on Saturday, Sunday, and Holidays
- (P) Double the hourly rate on Sunday
- (Q) Double the hourly rate on Sunday and Holidays
- (R) Double the hourly rate on Holidays
- (S) Two and one half times the hourly rate for Holidays

- (S1) Two and one half times the hourly rate the first 8 hours on Sunday or Holidays One and one half times the hourly rate all additional hours.
- (T) Triple the hourly rate for Holidays
- (U) Four times the hourly rate for Holidays
- (V) Including benefits at SAME PREMIUM as shown for overtime
- (W) Time and one half for benefits on all overtime hours.
- (X) Benefits payable on Paid Holiday at straight time. If worked, additional benefit amount will be required for worked hours. (Refer to other codes listed.)

Holiday Codes

PAID Holidays:

Paid Holidays are days for which an eligible employee receives a regular day's pay, but is not required to perform work. If an employee works on a day listed as a paid holiday, this remuneration is in addition to payment of the required prevailing rate for the work actually performed.

OVERTIME Holiday Pay:

Overtime holiday pay is the premium pay that is required for work performed on specified holidays. It is only required where the employee actually performs work on such holidays. The applicable holidays are listed under HOLIDAYS: OVERTIME. The required rate of pay for these covered holidays can be found in the OVERTIME PAY section listings for each classification.

Following is an explanation of the code(s) listed in the HOLIDAY section of each classification contained in the attached schedule. The Holidays as listed below are to be paid at the wage rates at which the employee is normally classified.

- (1) None
- (2) Labor Day
- (3) Memorial Day and Labor Day
- (4) Memorial Day and July 4th
- (5) Memorial Day, July 4th, and Labor Day
- (6) New Year's, Thanksgiving, and Christmas
- (7) Lincoln's Birthday, Washington's Birthday, and Veterans Day
- (8) Good Friday
- (9) Lincoln's Birthday
- (10) Washington's Birthday
- (11) Columbus Day
- (12) Election Day
- (13) Presidential Election Day
- (14) 1/2 Day on Presidential Election Day
- (15) Veterans Day
- (16) Day after Thanksgiving
- (17) July 4th
- (18) 1/2 Day before Christmas
- (19) 1/2 Day before New Years
- (20) Thanksgiving
- (21) New Year's Day
- (22) Christmas
- (23) Day before Christmas
- (24) Day before New Year's
- (25) Presidents' Day
- (26) Martin Luther King, Jr. Day
- (27) Memorial Day
- (28) Easter Sunday

(29) Juneteenth

**New York State Department of Labor - Bureau of Public Work
State Office Building Campus
Building 12 - Room 130
Albany, New York 12226**

REQUEST FOR WAGE AND SUPPLEMENT INFORMATION

As Required by Articles 8 and 9 of the NYS Labor Law

Fax (518) 485-1870 or mail this form for new schedules or for determination for additional occupations.

This Form Must Be Typed

Submitted By:

(Check Only One)

Contracting Agency

Architect or Engineering Firm

Public Work District Office

Date:

A. Public Work Contract to be let by: (Enter Data Pertaining to Contracting/Public Agency)

1. Name and complete address (Check if new or change)

Telephone

Fax

E-Mail:

2. NY State Units (see Item 5).

01 DOT

02 OGS

03 Dormitory Authority

04 State University
Construction Fund

05 Mental Hygiene
Facilities Corp.

06 OTHER N.Y. STATE UNIT

07 City

08 Local School District

09 Special Local District, i.e.,
Fire, Sewer, Water District

10 Village

11 Town

12 County

13 Other Non-N.Y. State
(Describe)

3. SEND REPLY TO (check if new or change)
Name and complete address:

Telephone

Fax

E-Mail:

4. SERVICE REQUIRED. Check appropriate box and provide project information.

New Schedule of Wages and Supplements.

APPROXIMATE BID DATE :

Additional Occupation and/or Redetermination

PRC NUMBER ISSUED PREVIOUSLY FOR
THIS PROJECT :

OFFICE USE ONLY

B. PROJECT PARTICULARS

5. Project Title _____

Description of Work _____

Contract Identification Number _____

Note: For NYS units, the OSC Contract No. _____

6. Location of Project:

Location on Site _____

Route No/Street Address _____

Village or City _____

Town _____

County _____

7. Nature of Project - Check One:

1. New Building
2. Addition to Existing Structure
3. Heavy and Highway Construction (New and Repair)
4. New Sewer or Waterline
5. Other New Construction (Explain)
6. Other Reconstruction, Maintenance, Repair or Alteration
7. Demolition
8. Building Service Contract

8. OCCUPATION FOR PROJECT :

- Construction (Building, Heavy Highway/Sewer/Water)
- Tunnel
- Residential
- Landscape Maintenance
- Elevator maintenance
- Exterminators, Fumigators
- Fire Safety Director, NYC Only
- Fuel Delivery
- Guards, Watchmen
- Janitors, Porters, Cleaners, Elevator Operators
- Moving furniture and equipment
- Trash and refuse removal
- Window cleaners
- Other (Describe)

9. Does this project comply with the Wicks Law involving separate bidding? YES NO

10. Name and Title of Requester

Signature



NEW YORK STATE DEPARTMENT OF LABOR
Bureau of Public Work - Debarment List

**LIST OF EMPLOYERS INELIGIBLE TO BID ON OR BE
AWARDED ANY PUBLIC WORK CONTRACT**

Under Article 8 and Article 9 of the NYS Labor Law, a contractor, sub-contractor and/or its successor shall be debarred and ineligible to submit a bid on or be awarded any public work or public building service contract/sub-contract with the state, any municipal corporation or public body for a period of five (5) years from the date of debarment when:

- Two (2) final determinations have been rendered within any consecutive six-year (6) period determining that such contractor, sub-contractor and/or its successor has WILLFULLY failed to pay the prevailing wage and/or supplements;
- One (1) final determination involves falsification of payroll records or the kickback of wages and/or supplements.

The agency issuing the determination and providing the information, is denoted under the heading 'Fiscal Officer'. DOL = New York State Department of Labor; NYC = New York City Comptroller's Office; AG = New York State Attorney General's Office; DA = County District Attorney's Office.

Debarment Database: To search for contractors, sub-contractors and/or their successors debarred from bidding or being awarded any public work contract or subcontract under NYS Labor Law Articles 8 and 9, or under NYS Workers' Compensation Law Section 141-b, access the database at this link: <https://apps.labor.ny.gov/EDList/searchPage.do>

For inquiries where WCB is listed as the "Agency", please call 1-866-546-9322

NYS DOL Bureau of Public Work Debarment List 02/02/2024

Article 8

AGENCY	Fiscal Officer	FEIN	EMPLOYER NAME	EMPLOYER DBA NAME	ADDRESS	DEBARMENT START DATE	DEBARMENT END DATE
DOL	DOL	****5754	0369 CONTRACTORS, LLC		515 WEST AVE UNIT PH 13NORWALK CT 06850	05/12/2021	05/12/2026
DOL	DOL	****4018	ADIRONDACK BUILDING RESTORATION INC.		4156 WILSON ROAD EAST TABERG NY 13471	03/26/2019	03/26/2024
DOL	AG	****1812	ADVANCED BUILDERS & LAND DEVELOPMENT, INC.		400 OSER AVE #2300HAUPPAUGE NY 11788	09/11/2019	09/11/2024
DOL	DOL	****1687	ADVANCED SAFETY SPRINKLER INC		261 MILL ROAD P.O BOX 296EAST AURORA NY 14052	05/29/2019	05/29/2024
DOL	NYC		ALL COUNTY SEWER & DRAIN, INC.		7 GREENFIELD DR WARWICK NY 10990	03/25/2022	03/25/2027
DOL	NYC		AMJED PARVEZ		401 HANOVER AVENUE STATEN ISLAND NY 10304	01/11/2021	01/11/2026
DOL	DOL		ANGELO F COKER		2610 SOUTH SALINA STREET SUITE 14SYRACUSE NY 13205	09/17/2020	09/17/2025
DOL	DOL		ANGELO GARCIA		515 WEST AVE UNIT PH 13NORWALK CT 06850	05/12/2021	05/12/2026
DOL	DOL		ANGELO TONDO		449 WEST MOMBSHA ROAD MONROE NY 10950	06/06/2022	06/06/2027
DOL	DOL	****4231	ANKER'S ELECTRIC SERVICE, INC.		10 SOUTH 5TH ST LOCUST VALLEY NY 11560	09/26/2022	09/26/2027
DOL	NYC		ARADCO CONSTRUCTION CORP		115-46 132RD ST SOUTH OZONE PARK NY 11420	09/17/2020	09/17/2025
DOL	DOL		ARNOLD A. PAOLINI		1250 BROADWAY ST BUFFALO NY 14212	02/03/2020	02/03/2025
DOL	NYC		ARSHAD MEHMOOD		168-42 88TH AVENUE JAMAICA NY 11432	11/20/2019	11/20/2024
DOL	NYC		AVM CONSTRUCTION CORP		117-72 123RD ST SOUTH OZONE PARK NY 11420	09/17/2020	09/17/2025
DOL	NYC		AZIDABEGUM		524 MCDONALD AVENUE BROOKLYN NY 11218	09/17/2020	09/17/2025
DOL	DOL	****8421	B & B DRYWALL, INC		206 WARREN AVE APT 1WHITE PLAINS NY 10603	12/14/2021	12/14/2026
DOL	NYC		BALWINDER SINGH		421 HUDSON ST SUITE C5NEW YORK NY 10014	02/20/2019	02/20/2024
DOL	DOL		BERNARD BEGLEY		38 LONG RIDGE ROAD BEDFORD NY 10506	12/18/2019	12/18/2024
DOL	NYC	****2113	BHW CONTRACTING, INC.		401 HANOVER AVENUE STATEN ISLAND NY 10304	01/11/2021	01/11/2026
DOL	DOL	****3627	BJB CONSTRUCTION CORP.		38 LONG RIDGE ROAD BEDFORD NY 10506	12/18/2019	12/18/2024
DOL	DOL	****5078	BLACK RIVER TREE REMOVAL, LLC		29807 ANDREWS ROAD BLACK RIVER NY 13032	10/17/2023	10/17/2028
DOL	DOL	****4512	BOB BRUNO EXCAVATING, INC		5 MORNINGSIDE DR AUBURN NY 13021	05/28/2019	05/28/2024
DOL	DOL		BOGDAN MARKOVSKI		370 W. PLEASANTVIEW AVE SUITE 2.329HACKENSACK NJ 07601	02/11/2019	02/11/2024
DOL	DOL		BRADLEY J SCHUKA		4 BROTHERS ROAD WAPPINGERS FALLS NY 12590	10/20/2020	10/20/2025
DOL	DOL	****9383	C.C. PAVING AND EXCAVATING, INC.		2610 SOUTH SALINA ST SUITE 12SYRACUSE NY 13205	09/17/2020	09/17/2025
DOL	DOL	****4083	C.P.D. ENTERPRISES, INC		P.O BOX 281 WALDEN NY 12586	03/03/2020	03/03/2025
DOL	DOL	****5161	CALADRI DEVELOPMENT CORP.		1223 PARK ST. PEEKSKILL NY 10566	05/17/2021	05/17/2026
DOL	DOL	****3391	CALI ENTERPRISES, INC.		1223 PARK STREET PEEKSKILL NY 10566	05/17/2021	05/17/2026
DOL	NYC		CALVIN WALTERS		465 EAST THIRD ST MT. VERNON NY 10550	09/09/2019	09/09/2024
DOL	DOL	****4155	CASA BUILDERS, INC.	FRIEDLANDER CONSTRUCTION	64 N PUTT CONNERS ROAD NEW PALTZ NY 12561	05/10/2023	05/10/2028
DOL	AG	****7247	CENTURY CONCRETE CORP		2375 RAYNOR ST RONKONKOMA NY 11779	08/04/2021	08/04/2026
DOL	DOL	****0026	CHANTICLEER CONSTRUCTION LLC		4 BROTHERS ROAD WAPPINGERS FALLS NY 12590	10/20/2020	10/20/2025
DOL	NYC	****2117	CHARAN ELECTRICAL ENTERPRISES		9-11 40TH AVENUE LONG ISLAND CITY NY 11101	09/26/2023	09/26/2028

NYSDOL Bureau of Public Work Debarment List 02/02/2024

Article 8

DOL	NYC		CHARLES ZAHRADKA		863 WASHINGTON STREET FRANKLIN SQUARE NY 11010	03/10/2020	03/10/2025
DOL	DOL		CHRISTOPHER GRECO		26 NORTH MYRTLE AVENUE SPRING VALLEY NY 10956	02/18/2021	02/18/2026
DOL	DOL		CHRISTOPHER PAPASTEFANO A/K/A CHRIS PAPASTEFANO		1445 COMMERCE AVE BRONX NY 10461	05/30/2019	05/30/2024
DOL	DOL		CRAIG JOHANSEN		10 SOUTH 5TH ST LOCUST VALLEY NY 11560	09/26/2022	09/26/2027
DOL	DOL	****3228	CROSS-COUNTY LANDSCAPING AND TREE SERVICE, INC.	ROCKLAND TREE SERVICE	26 NORTH MYRTLE AVENUE SPRING VALLEY NY 10956	02/18/2021	02/18/2026
DOL	DOL	****7619	DANCO CONSTRUCTION UNLIMITED INC.		485 RAFT AVENUE HOLBROOK NY 11741	10/19/2021	10/19/2026
DOL	DOL		DANIEL ROBERT MCNALLY		7 GREENFIELD DRIVE WARWICK NY 10990	03/25/2022	03/25/2027
DOL	DOL		DARIAN L COKER		2610 SOUTH SALINA ST SUITE 2CSYRACUSE NY 13205	09/17/2020	09/17/2025
DOL	DOL		DAVID FRIEDLANDER		64 NORTH PUTT CORNERS RD NEW PALTZ NY 12561	05/10/2023	05/10/2028
DOL	NYC		DAVID WEINER		14 NEW DROP LANE 2ND FLOORSTATEN ISLAND NY 10306	11/14/2019	11/14/2024
DOL	DOL		DELPHI PAINTING & DECORATING CO INC		1445 COMMERCE AVE BRONX NY 10461	05/30/2019	05/30/2024
DOL	DOL		DINA TAYLOR		64 N PUTT CONNERS RD NEW PALTZ NY 12561	05/10/2023	05/10/2028
DOL	DOL	****5175	EAGLE MECHANICAL AND GENERAL CONSTRUCTION LLC		11371 RIDGE RD WOLCOTT NY 14590	02/03/2020	02/03/2025
DOL	AG		EDWIN HUTZLER		23 NORTH HOWELLS RD BELLPORT NY 11713	08/04/2021	08/04/2026
DOL	DA		EDWIN HUTZLER		2375 RAYNOR STREET RONKONKOMA NY 11779	08/04/2021	08/04/2026
DOL	DOL	****0780	EMES HEATING & PLUMBING CONTR		5 EMES LANE MONSEY NY 10952	01/20/2002	01/20/3002
DOL	NYC	****5917	EPOCH ELECTRICAL, INC		97-18 50TH AVE CORONA NY 11368	04/19/2018	04/19/2024
DOL	DOL		EUGENIUSZ "GINO" KUCHAR		195 KINGSLAND AVE BROOKLYN NY 11222	12/22/2023	12/22/2028
DOL	DOL		FAIGY LOWINGER		11 MOUNTAIN RD 28 VAN BUREN DRMONROE NY 10950	03/20/2019	03/20/2024
DOL	DA		FREDERICK HUTZLER		2375 RAYNOR STREET RONKONKOMA NY 11779	08/04/2021	08/04/2026
DOL	NYC	****6616	G & G MECHANICAL ENTERPRISES, LLC.		1936 HEMPSTEAD TURNPIKE EAST MEDOW NY 11554	11/29/2019	11/29/2024
DOL	DOL	****2998	G.E.M. AMERICAN CONSTRUCTION CORP.		195 KINGSLAND AVE BROOKLYN NY 11222	12/22/2023	12/22/2028
DOL	DOL		GABRIEL FRASSETTI			04/10/2019	04/10/2024
DOL	NYC		GAYATRI MANGRU		21 DAREWOOD LANE VALLEY STREAM NY 11581	09/17/2020	09/17/2025
DOL	DA		GEORGE LUCEY		150 KINGS STREET BROOKLYN NY 11231	01/19/1998	01/19/2998
DOL	DOL		GIGI SCHNECKENBURGER		261 MILL RD EAST AURORA NY 14052	05/29/2019	05/29/2024
DOL	DA		GIOVANNA TRAVALJA		3735 9TH ST LONG ISLAND CITY NY 11101	01/05/2023	01/05/2028
DOL	DA	****0213	GORILLA CONTRACTING GROUP, LLC		505 MANHATTAN AVE WEST BABYLON NY 11704	10/05/2023	10/05/2028
DOL	DOL		HANS RATH		24 ELDOR AVENUE NEW CITY NY 10956	02/03/2020	02/03/2025
DOL	DOL		HERBERT CLEMEN		42 FOWLER AVENUE CORTLAND MANOR NY 10567	01/24/2023	01/24/2028
DOL	DOL		HERBERT CLEMEN		42 FOWLER AVENUE CORTLAND MANOR NY 10567	10/25/2022	10/25/2027
DOL	DOL		IRENE KASELIS		32 PENNINGTON AVE WALDWICK NJ 07463	05/30/2019	05/30/2024
DOL	DOL	****9211	J. WASE CONSTRUCTION CORP.		8545 RT 9W ATHENS NY 12015	03/09/2021	03/09/2026
DOL	DOL		J.M.J CONSTRUCTION		151 OSTRANDER AVENUE SYRACUSE NY 13205	11/21/2022	11/21/2027
DOL	DOL		J.R. NELSON CONSTRUCTION		531 THIRD STREET ALBANY NY 12206	11/07/2023	11/07/2028

NYS DOL Bureau of Public Work Debarment List 02/02/2024

Article 8

DOL	DOL		J.R. NELSON CONSTRUCTION		531 THIRD STREET ALBANY NY 12206	12/22/2022	12/22/2027
DOL	DOL		J.R. NELSON CONSTRUCTION		531 THIRD STREET ALBANY NY 12206	10/25/2022	10/25/2027
DOL	DOL		J.R. NELSON, LLC		531 THIRD STREET ALBANY NY 12206	12/22/2022	12/22/2027
DOL	DOL		J.R. NELSON, LLC		531 THIRD STREET ALBANY NY 12206	11/07/2023	11/07/2028
DOL	DOL		J.R. NELSON, LLC		531 THIRD STREET ALBANY NY 12206	10/25/2022	10/25/2027
DOL	DOL		J.R.N COMPANIES, LLC		531 THIRD STREET ALBANY NY 12206	12/12/2022	12/12/2027
DOL	DOL		J.R.N COMPANIES, LLC		531 THIRD STREET ALBANY NY 12206	11/07/2023	11/07/2028
DOL	DOL		J.R.N COMPANIES, LLC		531 THIRD STREET ALBANY NY 12206	10/25/2022	10/25/2027
DOL	DOL	*****1147	J.R.N. CONSTRUCTION, LLC		531 THIRD ST ALBANY NY 12206	11/07/2023	11/07/2028
DOL	DOL	*****1147	J.R.N. CONSTRUCTION, LLC		531 THIRD ST ALBANY NY 12206	12/22/2022	12/22/2027
DOL	DOL	*****1147	J.R.N. CONSTRUCTION, LLC		531 THIRD ST ALBANY NY 12206	10/25/2022	10/25/2027
DOL	DOL		JAMES J. BAKER		7901 GEE ROAD CANASTOTA NY 13032	08/17/2021	08/17/2026
DOL	DOL		JASON P. RACE		3469 STATE RT. 69 PERISH NY 13131	09/29/2021	09/29/2026
DOL	DOL		JASON P. RACE		3469 STATE RT. 69 PERISH NY 13131	02/09/2022	02/09/2027
DOL	DOL		JASON P. RACE		3469 STATE RT. 69 PERISH NY 13131	11/15/2022	11/15/2027
DOL	DOL		JASON P. RACE		3469 STATE RT. 69 PERISH NY 13131	03/01/2022	03/01/2027
DOL	DOL	*****7993	JBS DIRT, INC.		7901 GEE ROAD CANASTOTA NY 13032	08/17/2021	08/17/2026
DOL	DOL	*****2435	JEFFEL D. JOHNSON	JMJ7 AND SON	5553 CAIRNSTRAIL CLAY NY 13041	11/21/2022	11/21/2027
DOL	DOL		JEFFEL JOHNSON ELITE CARPENTER REMODEL AND CONSTRUCTION		C2 EVERGREEN CIRCLE LIVERPOOL NY 13090	11/21/2022	11/21/2027
DOL	DOL	*****2435	JEFFREY M. JOHNSON	JMJ7 AND SON	5553 CAIRNS TRAIL CLAY NY 13041	11/21/2022	11/21/2027
DOL	NYC		JENNIFER GUERRERO		1936 HEMPSTEAD TURNPIKE EAST MEADOW NY 11554	11/29/2019	11/29/2024
DOL	DOL		JIM PLAUGHER		17613 SANTE FE LINE ROAD WAYNEFIELD OH 45896	07/16/2021	07/16/2026
DOL	DOL		JMJ7 & SON CONSTRUCTION, LLC		5553 CAIRNS TRAIL LIVERPOOL NY 13041	11/21/2022	11/21/2027
DOL	DOL		JMJ7 AND SONS CONTRACTORS		5553 CAIRNS TRAIL CLAY NY 13041	11/21/2022	11/21/2027
DOL	DOL		JMJ7 CONTRACTORS		7014 13TH AVENUE BROOKLYN NY 11228	11/21/2022	11/21/2027
DOL	DOL		JMJ7 CONTRACTORS AND SONS		5553 CAIRNS TRAIL CLAY NY 13041	11/21/2022	11/21/2027
DOL	DOL		JMJ7 CONTRACTORS, LLC		5553 CAIRNS TRAIL CLAY NY 13041	11/21/2022	11/21/2027
DOL	DOL		JOHN GOCEK		14B COMMERCIAL AVE ALBANY NY 12065	11/14/2019	11/14/2024
DOL	DOL		JOHN MARKOVIC		47 MANDON TERRACE HAWTHORN NJ 07506	03/29/2021	03/29/2026
DOL	DOL		JOHN WASE		8545 RT 9W ATHENS NY 12015	03/09/2021	03/09/2026
DOL	DOL		JON E DEYOUNG		261 MILL RD P.O BOX 296EAST AURORA NY 14052	05/29/2019	05/29/2024
DOL	DOL		JORGE RAMOS		8970 MIKE GARCIA DR MANASSAS VA 20109	07/16/2021	07/16/2026
DOL	DOL		JOSEPH K. SALERNO		1010 TILDEN AVE UTICA NY 13501	07/24/2023	07/24/2028
DOL	DOL		JOSEPH K. SALERNO II		1010 TILDEN AVE UTICA NY 13501	07/24/2023	07/24/2028
DOL	DOL	*****5116	JP RACE PAINTING, INC. T/A RACE PAINTING		3469 STATE RT. 69 PERISH NY 13131	02/09/2022	02/09/2027
DOL	DOL	*****5116	JP RACE PAINTING, INC. T/A RACE PAINTING		3469 STATE RT. 69 PERISH NY 13131	11/15/2022	11/15/2027

NYS DOL Bureau of Public Work Debarment List 02/02/2024

Article 8

DOL	DOL	****5116	JP RACE PAINTING, INC. T/A RACE PAINTING		3469 STATE RT. 69 PERISH NY 13131	09/29/2021	09/29/2026
DOL	DOL	****5116	JP RACE PAINTING, INC. T/A RACE PAINTING		3469 STATE RT. 69 PERISH NY 13131	03/01/2022	03/01/2027
DOL	DOL	****5116	JP RACE PAINTING, INC. T/A RACE PAINTING		3469 STATE RT. 69 PERISH NY 13131	03/01/2022	03/01/2027
DOL	DOL		JRN CONSTRUCTION CO, LLC		1024 BROADWAY ALBANY NY 12204	11/07/2023	11/07/2028
DOL	DOL	****1147	JRN CONSTRUCTION, LLC		531 THIRD STREET ALBANY NY 12206	10/25/2022	10/25/2027
DOL	DOL	****1147	JRN CONSTRUCTION, LLC		531 THIRD STREET ALBANY NY 12206	12/22/2022	12/22/2027
DOL	DOL	****1147	JRN CONSTRUCTION, LLC		531 THIRD STREET ALBANY NY 12206	11/07/2023	11/07/2028
DOL	DOL		JRN PAVING, LLC		531 THIRD STREET ALBANY NY 12206	10/25/2022	10/25/2027
DOL	DOL		JRN PAVING, LLC		531 THIRD STREET ALBANY NY 12206	12/22/2022	12/22/2027
DOL	DOL		JRN PAVING, LLC		531 THIRD STREET ALBANY NY 12206	11/07/2023	11/07/2028
DOL	DOL		JULIUS AND GITA BEHREND		5 EMES LANE MONSEY NY 10952	11/20/2002	11/20/3002
DOL	DOL		KARIN MANGIN		796 PHELPS ROAD FRANKLIN LAKES NJ 07417	12/01/2020	12/01/2025
DOL	DOL		KATE E. CONNOR		7088 INTERSTATE ISLAND RD SYRACUSE NY 13209	03/31/2021	03/31/2026
DOL	DOL		KEAN INDUSTRIES, LLC		2345 RT. 52 SUITE 2NHOPEWELL JUNCTION NY 12533	12/18/2023	12/18/2028
DOL	DOL	****2959	KELC DEVELOPMENT, INC		7088 INTERSTATE ISLAND RD SYRACUSE NY 13209	03/31/2021	03/31/2026
DOL	DOL		KIMBERLY F. BAKER		7901 GEE ROAD CANASTOTA NY 13032	08/17/2021	08/17/2026
DOL	DOL		KMA GROUP II, INC.		29-10 38TH AVENUE LONG ISLAND CITY NY 11101	10/11/2023	10/11/2028
DOL	DOL	****1833	KMA GROUP INC.		29-10 38TH AVENUE LONG ISLAND CITY NY 11101	10/11/2023	10/11/2028
DOL	DOL		KMA INSULATION, INC.		29-10 38TH AVENUE LONG ISLAND CITY NY 11101	10/11/2023	10/11/2028
DOL	DOL		KRIN HEINEMANN		2345 ROUTE 52, SUITE 2N HOPEWELL JUNCTION NY 12533	12/18/2023	12/18/2028
DOL	NYC		KULWANT S. DEOL		9-11 40TH AVENUE LONG ISLAND CITY NY 11101	09/26/2023	09/26/2028
DOL	DA	****8816	LAKE CONSTRUCTION AND DEVELOPMENT CORPORATION		150 KINGS STREET BROOKLYN NY 11231	08/19/1998	08/19/2998
DOL	DOL		LEROY E. NELSON JR		531 THIRD ST ALBANY NY 12206	10/25/2022	10/25/2027
DOL	DOL		LEROY E. NELSON JR		531 THIRD ST ALBANY NY 12206	12/22/2022	12/22/2027
DOL	DOL		LEROY E. NELSON JR		531 THIRD ST ALBANY NY 12206	11/07/2023	11/07/2028
DOL	AG	****3291	LINTECH ELECTRIC, INC.		3006 TILDEN AVE BROOKLYN NY 11226	02/16/2022	02/16/2027
DOL	DOL		LOUIS A. CALICCHIA		1223 PARK ST. PEEKSKILL NY 10566	05/17/2021	05/17/2026
DOL	NYC		LUBOMIR PETER SVOBODA		27 HOUSMAN AVE STATEN ISLAND NY 10303	12/26/2019	12/26/2024
DOL	NYC		M & L STEEL & ORNAMENTAL IRON CORP.		27 HOUSMAN AVE STATEN ISLAND NY 10303	12/26/2019	12/26/2024
DOL	DOL	****2196	MAINSTREAM SPECIALTIES, INC.		11 OLD TOWN RD SELKIRK NY 12158	02/02/2021	02/02/2026
DOL	DA		MANUEL P TOBIO		150 KINGS STREET BROOKLYN NY 14444	08/19/1998	08/19/2998
DOL	DA		MANUEL TOBIO		150 KINGS STREET BROOKLYN NY 11231	08/19/1998	08/19/2998
DOL	NYC		MARIA NUBILE		84-22 GRAND AVENUE ELMHURST NY 11373	03/10/2020	03/10/2025
DOL	DOL		MATTHEW P. KILGORE		4156 WILSON ROAD EAST TABERG NY 13471	03/26/2019	03/26/2024
DOL	DOL	****4829	MILESTONE ENVIRONMENTAL CORPORATION		704 GINESI DRIVE SUITE 29MORGANVILLE NJ 07751	04/10/2019	04/10/2024

NYSDOL Bureau of Public Work Debarment List 02/02/2024

Article 8

DOL	NYC	****9926	MILLENNIUM FIRE PROTECTION, LLC		325 W. 38TH STREET SUITE 204NEW YORK NY 10018	11/14/2019	11/14/2024
DOL	NYC	****0627	MILLENNIUM FIRE SERVICES, LLC		14 NEW DROP LNE 2ND FLOORSTATEN ISLAND NY 10306	11/14/2019	11/14/2024
DOL	DOL	****1320	MJC MASON CONTRACTING, INC.		42 FOWLER AVENUE CORTLAND MANOR NY 10567	10/25/2022	10/25/2027
DOL	DOL	****1320	MJC MASON CONTRACTING, INC.		42 FOWLER AVENUE CORTLAND MANOR NY 10567	01/24/2023	01/24/2028
DOL	NYC		MUHAMMED A. HASHEM		524 MCDONALD AVENUE BROOKLYN NY 11218	09/17/2020	09/17/2025
DOL	NYC		NAMOW, INC.		84-22 GRAND AVENUE ELMHURST NY 11373	03/10/2020	03/10/2025
DOL	DOL	****7790	NATIONAL BUILDING & RESTORATION CORP		1010 TILDEN AVE UTICA NY 13501	07/24/2023	07/24/2028
DOL	DOL	****1797	NATIONAL CONSTRUCTION SERVICES, INC		1010 TILDEN AVE UTICA NY 13501	07/24/2023	07/24/2028
DOL	NYC		NAVIT SINGH		402 JERICHO TURNPIKE NEW HYDE PARK NY 11040	08/10/2022	08/10/2027
DOL	DOL		NELCO CONTRACTING, LLC		1024 BROADWAY ALBANY NY 12204	11/07/2023	11/07/2028
DOL	DA		NICHOLAS T. ANALITIS		505 MANHATTAN AVE WEST BABYLON NY 11704	10/05/2023	10/05/2028
DOL	DOL		NICHOLE E. FRASER A/K/A NICHOLE RACE		3469 STATE RT. 69 PERISH NY 13131	03/01/2022	03/01/2027
DOL	DOL		NICHOLE E. FRASER A/K/A NICHOLE RACE		3469 STATE RT. 69 PERISH NY 13131	11/15/2022	11/15/2027
DOL	DOL		NICHOLE E. FRASER A/K/A NICHOLE RACE		3469 STATE RT. 69 PERISH NY 13131	09/29/2021	09/29/2026
DOL	DOL		NICHOLE E. FRASER A/K/A NICHOLE RACE		3469 STATE RT. 69 PERISH NY 13131	02/09/2022	02/09/2027
DOL	DOL	****7429	NICOLAE I. BARBIR	BESTUCCO CONSTRUCTION, INC.	444 SCHANTZ ROAD ALLENTOWN PA 18104	09/17/2020	09/17/2025
DOL	NYC	****5643	NYC LINE CONTRACTORS, INC.		402 JERICHO TURNPIKE NEW HYDE PARK NY 11040	08/10/2022	08/10/2027
DOL	DOL		PATRICK PENNACCHIO		2345 RT. 52 SUITE 2NHOPEWELL JUNCTION NY 12533	12/18/2023	12/18/2028
DOL	DOL		PATRICK PENNACCHIO		2345 RT. 52 SUITE 2NHOPEWELL JUNCTION NY 12533	12/18/2023	12/18/2028
DOL	DOL		PAULINE CHAHALES		935 S LAKE BLVD MAHOPAC NY 10541	03/02/2021	03/02/2026
DOL	DOL		PETER STEVENS		11 OLD TOWN ROAD SELKIRK NY 12158	02/02/2021	02/02/2026
DOL	DOL		PETER STEVENS		8269 21ST ST BELLEROSE NY 11426	12/22/2022	12/22/2027
DOL	DOL	****0466	PRECISION BUILT FENCES, INC.		1617 MAIN ST PEEKSKILL NY 10566	03/03/2020	03/03/2025
DOL	NYC		RASHEL CONSTRUCTION CORP		524 MCDONALD AVENUE BROOKLYN NY 11218	09/17/2020	09/17/2025
DOL	DOL	****1068	RATH MECHANICAL CONTRACTORS, INC.		24 ELDOR AVENUE NEW CITY NY 10956	02/03/2020	02/03/2025
DOL	DOL	****2633	RAW POWER ELECTRIC CORP.		3 PARK CIRCLE MIDDLETOWN NY 10940	07/11/2022	07/11/2027
DOL	DA	****7559	REGAL CONTRACTING INC.		24 WOODBINE AVE NORTHPORT NY 11768	10/01/2020	10/01/2025
DOL	DOL		RICHARD REGGIO		1617 MAIN ST PEEKSKILL NY 10566	03/03/2020	03/03/2025
DOL	DOL		ROBBYE BISSE SAR		89-51 SPRINGFIELD BLVD QUEENS VILLAGE NY 11427	01/11/2003	01/11/3003
DOL	DOL		ROBERT A. VALERINO		3841 LANYARD COURT NEW PORT RICHEY FL 34652	07/09/2019	07/09/2024
DOL	DOL		ROBERT BRUNO		5 MORNINGSIDE DRIVE AUBURN NY 13021	05/28/2019	05/28/2024
DOL	DOL		ROMEO WARREN		161 ROBYN RD MONROE NY 10950	07/11/2022	07/11/2027
DOL	DOL		RONALD MESSEN		14B COMMERCIAL AVE ALBANY NY 12065	11/14/2019	11/14/2024
DOL	DOL	****7172	RZ & AL INC.		198 RIDGE AVENUE VALLEY STREAM NY 11581	06/06/2022	06/06/2027
DOL	DOL	****1365	S & L PAINTING, INC.		11 MOUNTAIN ROAD P.O BOX 408MONROE NY 10950	03/20/2019	03/20/2024

NYSDOL Bureau of Public Work Debarment List 02/02/2024

Article 8

DOL	DOL		SAL FRESINA MASONRY CONTRACTORS, INC.		1935 TEALL AVENUE SYRACUSE NY 13206	07/16/2021	07/16/2026
DOL	DOL		SAL MASONRY CONTRACTORS, INC.		(SEE COMMENTS) SYRACUSE NY 13202	07/16/2021	07/16/2026
DOL	DOL	****9874	SALFREE ENTERPRISES INC		P.O BOX 14 2821 GARDNER RDPOMPEI NY 13138	07/16/2021	07/16/2026
DOL	DOL		SALVATORE A FRESINA A/K/A SAM FRESINA		107 FACTORY AVE P.O BOX 11070SYRACUSE NY 13218	07/16/2021	07/16/2026
DOL	DOL		SAM FRESINA		107 FACTORY AVE P.O BOX 11070SYRACUSE NY 13218	07/16/2021	07/16/2026
DOL	NYC	****0349	SAM WATERPROOFING INC		168-42 88TH AVENUE APT.1 AJAMAICA NY 11432	11/20/2019	11/20/2024
DOL	DA	****0476	SAMCO ELECTRIC CORP.		3735 9TH ST LONG ISLAND CITY NY 11101	01/05/2023	01/05/2028
DOL	NYC	****1130	SCANA CONSTRUCTION CORP.		863 WASHINGTON STREET FRANKLIN SQUARE NY 11010	03/10/2020	03/10/2025
DOL	DOL	****2045	SCOTT DUFFIE	DUFFIE'S ELECTRIC, INC.	P.O BOX 111 CORNWALL NY 12518	03/03/2020	03/03/2025
DOL	DOL		SCOTT DUFFIE		P.O BOX 111 CORNWALL NY 12518	03/03/2020	03/03/2025
DOL	NYC	****6597	SHAIRA CONSTRUCTION CORP.		421 HUDSON STREET SUITE C5NEW YORK NY 10014	02/20/2019	02/20/2024
DOL	DOL		SHULEM LOWINGER		11 MOUNTAIN ROAD 28 VAN BUREN DRMONROE NY 10950	03/20/2019	03/20/2024
DOL	DA		SILVANO TRAVALJA		3735 9TH ST LONG ISLAND CITY NY 11101	01/05/2023	01/05/2028
DOL	DOL	****0440	SOLAR GUYS INC.		8970 MIKE GARCIA DR MANASSAS VA 20109	07/16/2021	07/16/2026
DOL	NYC		SOMATIE RAMSUNAHAI		115-46 132ND ST SOUTH OZONE PARK NY 11420	09/17/2020	09/17/2025
DOL	DOL	****2221	SOUTH BUFFALO ELECTRIC, INC.		1250 BROADWAY ST BUFFALO NY 14212	02/03/2020	02/03/2025
DOL	NYC	****3661	SPANIER BUILDING MAINTENANCE CORP		200 OAK DRIVE SYOSSET NY 11791	03/14/2022	03/14/2027
DOL	DOL		STANADOS KALOGELAS		485 RAFT AVENUE HOLBROOK NY 11741	10/19/2021	10/19/2026
DOL	DOL	****3496	STAR INTERNATIONAL INC		89-51 SPRINGFIELD BLVD QUEENS VILLAGE NY 11427	08/11/2003	08/11/3003
DOL	DOL	****6844	STEAM PLANT AND CHX SYSTEMS INC.		14B COMMERCIAL AVENUE ALBANY NY 12065	11/14/2019	11/14/2024
DOL	DOL	****9933	STEED GENERAL CONTRACTORS, INC.		1445 COMMERCE AVE BRONX NY 10461	05/30/2019	05/30/2024
DOL	DOL	****9528	STEEL-IT, LLC.		17613 SANTE FE LINE ROAD WAYNESFIELD OH 45896	07/16/2021	07/16/2026
DOL	DOL		STEFANOS PAPASTEFANOU, JR. A/K/A STEVE PAPASTEFANOU, JR.		256 WEST SADDLE RIVER RD UPPER SADDLE RIVER NJ 07458	05/30/2019	05/30/2024
DOL	DOL	****3800	SUBURBAN RESTORATION CO. INC.		5-10 BANTA PLACE FAIR LAWN PLACE NJ 07410	03/29/2021	03/29/2026
DOL	DOL	****1060	SUNN ENTERPRISES GROUP, LLC		370 W. PLEASANTVIEW AVE SUITE 2.329HACKENSACK NJ 07601	02/11/2019	02/11/2024
DOL	DOL	****9150	SURGE INC.		8269 21ST STREET BELLEROSE NY 11426	12/22/2022	12/22/2027
DOL	DOL		SYED RAZA		198 RIDGE AVENUE NY 11581	06/06/2022	06/06/2027
DOL	DOL		TERRY THOMPSON		11371 RIDGE RD WOLCOTT NY 14590	02/03/2020	02/03/2025
DOL	DOL	****9733	TERSAL CONSTRUCTION SERVICES INC		107 FACTORY AVE P.O BOX 11070SYRACUSE NY 13208	07/16/2021	07/16/2026
DOL	DOL		TERSAL CONTRACTORS, INC.		221 GARDNER RD P.O BOX 14POMPEI NY 13138	07/16/2021	07/16/2026
DOL	DOL		TERSAL DEVELOPMENT CORP.		1935 TEALL AVENUE SYRACUSE NY 13206	07/16/2021	07/16/2026
DOL	DOL	****5766	THE COKER CORPORATION	COKER CORPORATION	2610 SOUTH SALINA ST SUITE 14SYRACUSE NY 13205	09/17/2020	09/17/2025
DOL	DOL		TIMOTHY PERCY		29807 ANDREWS ROAD BLACK RIVER NY 13612	10/17/2023	10/17/2028

NYSDOL Bureau of Public Work Debarment List 02/02/2024

Article 8

DOL	DA	*****1050	TRI STATE CONSTRUCTION OF NY CORP.		50-39 175TH PLACE FRESH MEADOWS NY 11365	03/28/2022	03/28/2027
DOL	DA	*****4106	TRIPLE H CONCRETE CORP		2375 RAYNOR STREET RONKONKOMA NY 11779	08/04/2021	08/04/2026
DOL	DOL	*****8210	UPSTATE CONCRETE & MASONRY CONTRACTING CO INC		449 WEST MOMBASHA ROAD MONROE NY 10950	06/06/2022	06/06/2027
DOL	DOL	*****6418	VALHALLA CONSTRUCTION, LLC.		796 PHLEPS ROAD FRANKLIN LAKES NJ 07417	12/01/2020	12/01/2025
DOL	NYC	*****2426	VICKRAM MANGRU	VICK CONSTRUCTION	21 DAREWOOD LANE VALLEY STREAM NY 11581	09/17/2020	09/17/2025
DOL	NYC		VICKRAM MANGRU		21 DAREWOOD LANE VALLEY STREAM NY 11581	09/17/2020	09/17/2025
DOL	DOL		VIKTORIA RATH		24 ELDOR AVENUE NEW CITY NY 10956	02/03/2020	02/03/2025
DOL	NYC	*****3673	WALTERS AND WALTERS, INC.		465 EAST AND THIRD ST MT. VERNON NY 10550	09/09/2019	09/09/2024
DOL	DOL	*****3296	WESTERN NEW YORK CONTRACTORS, INC.		3841 LAYNARD COURT NEW PORT RICHEY FL 34652	07/09/2019	07/09/2024
DOL	DOL	*****8266	WILLIAM CHRIS MCCLENDON	MCCLENDON ASPHALT PAVING	1646 FALLS STREET NIAGARA FALLS NY 14303	05/01/2023	05/01/2028
DOL	DOL		WILLIAM CHRIS MCCLENDON		1646 FALLS STREET NIAGARA FALLS NY 14303	05/01/2023	05/01/2028
DOL	DOL		WILLIAM G. PROERFRIEDT		85 SPRUCEWOOD ROAD WEST BABYLON NY 11704	01/19/2021	01/19/2026
DOL	DOL	*****5924	WILLIAM G. PROPHY, LLC	WGP CONTRACTING, INC.	54 PENTAQUIT AVE BAYSHORE NY 11706	01/19/2021	01/19/2026
DOL	DOL		XENOFON EFTHIMIADIS		29-10 38TH AVENUE LONG ISLAND CITY NY 11101	10/11/2023	10/11/2028

EXHIBIT C: SPECIFICATIONS

Technical Specifications
Table of Contents

<u>Section I. Inspections and probes</u>	1
Part 1. Examination/Inspections and Markings of Facade Damages.	1
<u>Section II. Exterior Masonry Walls</u>	1
Part 1. Brick Masonry Re-pointing	1
Part 2. Brick Masonry Reconstruction	5
Part 3. Coping Stone Repair and Replacement/Resetting.	7
Part 3b. Protective coating at concrete coping stones.	8
<u>Section III. Limestone repairs.</u>	9
Part 1. Re-pointing existing limestone joints.	9
Part 2. Patching Chipped / Minor Spalled Limestone.	9
Part 3. Dutchman Installation.	10
Part 4. Remove and/or Reset or Replace Limestone Panels.	11
Part 5. Caulking and Sealants.	12
Part 6. Water repellent coating.	14
<u>Section IV (scope iii) Façade Cleaning:</u>	15
<u>Section I. Inspections.</u>	
1.01. Examination/Inspections and Markings of Facade Damages.	15
<u>Section II. Limestone Façade Cleaning and Coating.</u>	
<u>Limestone Cleaning</u>	
2.01 Description of work	15
2.02 References	15
2.03 Submittals	16
2.04 Quality assurance	16
2.05 Delivery, storage, and handling	17
2.06 Project conditions	17
<u>Products</u>	
2.07 Materials	18
<u>Execution</u>	
2.08 Preparation	18
2.09 Cleaning masonry	19
2.10 Clean-up	20
<u>Water repellent coating (optional).</u>	20

Section V. Structural Steel Repairs (optional).

Part 1. Shelf Angle repairs (optional)	21
Part 2. Structural Steel Repairs/Reinforcement.	22
Part 3. Rustproofing of Structural Steel.	23

Section I. Inspections and probes.

Part 1. Examination/Inspections and Markings of Facade Damages.

1. Contractor shall furnish access and all necessary equipment, tools, scaffoldings and experienced crew required for examination of and all repairs to the brick masonry, stone panels, concrete spandrels, parapet walls, windows, steel, copings and all other facade and superstructure building components.
2. Using personnel experienced in brick masonry and steel repairs the contractor, jointly with the Architect/Engineer, shall examine the existing conditions of all facade components at close range. They shall mark all spalling, cracks, misalignments, rust stains, and any other signs of deterioration. Any and all unsafe and/or critical conditions that require immediate attention shall be recorded for immediate action. Contractor shall not proceed without written authorization from A/E. Contractor should notify A/E of additional conditions not noted on SOW documents.
3. Avoid using tools that may damage the existing facade and facade component finished surface.
4. All existing waterproofing/flashings at the superstructures and facades shall be inspected and any material failure, rust stains, spalling, etc. shall be reported to the Architect.
5. At all existing facades and superstructure components, Contractor shall provide unit price per approx. 4-hour drop for crew, equipment and hung scaffolding needed for Architect/Engineer's on-scaffold inspections as required for the verification of damages and final quantity verification beyond the amount included in the repair unit prices.

Section II. Exterior Masonry Walls.

Part 1. Brick Masonry Repointing.

A. Preparation:

1. All cracked, loose, washed out, or otherwise defective brick masonry mortar joints marked by A/E shall be raked and saw cut for the full width of the joint to a min. depth of 3/4", deeper if necessary to reach sound material. All loose particles shall be removed and the joint cavity brushed, dusted clean and joint prepared for new mortar. Do not spall edges of masonry units or widen joints.
2. All caulking on existing mortar joints shall be removed and joint raked out and prepared as stated in Paragraph #1 above.

3. All cutting and grinding work to be performed with tools fitted with vacuum collection shrouds and connected to adequately powered and HEPA filtered wet/dry vacuum cleaners. Vacuum cleaners are to be carefully and regularly emptied as required to maintain their efficiency. Walls to be wet down prior to grinding, if required in the A/E's judgment to reduce dust nuisance. No grinding is permitted to be performed in the absence of these noted dust collection efforts.
4. Spray existing joint(s) with clean portable water before applying new mortar.

B. Mortar Mix:

1. Mix Ingredients:

Cement and Lime Mix: Only Premixed Mortar Type "N" one (1) part Portland Cement; half (1/2) part hydrated lime by volume factory bagged, with color additive to match adjacent mortar, properly stored and protected from rain and dampness shall be used.

Sand: Dry, clean, sharp and well graded sand, commercially bagged and free from deleterious and organic materials shall be used. No particles larger than 1/8".

Water: Fresh potable City water carried or placed in clean containers shall be used.

Color: Use organic approved color additives as required. New mortar shall match existing mortar in texture and color. Sample area of repointing mortar application shall be prepared for approval of the color by the Architect or ownership before proceeding with this work

2. Mix Proportions:

The basic mortar mix for masonry shall be Type "N" consisting of 2 1/2 parts sand, 1/2 part lime putty and one (1) part Portland cement by volume thoroughly mixed before adding water. The amount of water shall be kept to a minimum to obtain maximum bond strength and render a stiff but workable mix. The container to hold the mix shall be washed and cleaned before every mixing procedure. Sample batch to be mixed in the Architect's presence for his approval. The mix shall be adjusted, so as to provide a dense and non-porous surface finish upon curing.

3. Batch Size:

Only sufficient mortar that can be used within the following 2 1/2 hours shall be mixed in ideal conditions. Mixing intervals shall be so timed as to provide a fresh batch in proper intervals. All expired mortar shall be

discarded. Reworking of mortar shall not be permitted. Under temperatures of 90°, maximum time of mortar use is 2 hours.

4. All mortar to conform to requirements of ASTM 270.
5. Mortar mixing is to be mixed as per manufacturer's specifications. All materials should be mixed for no less than 3 minutes and no more than 5 minutes. (TMS 402-11/ACI 530-11/ASCE 5-11)

According to 2012 International Building Code, section 2103 at the specifications for masonry structures. (TMS 602-11 /ACI 5301-11/ ASCI 6-11). Article 1.3 masonry components must meet the applicable masonry quality standards as listed below:

- ASTM C91 Standard specification for masonry cement.
- ASTM C109/C109 standard test method for compressive strength of hydraulic cement mortars.
- ASTM C144 standard specification for aggregate for masonry mortar.
- ASTM C150 standard specification for Portland cement.
- ASTM C270 standard specifications for mortar for unit masonry.
- ASTM C780 standard test method for pre construction and construction.
- Evaluation of mortars for plan and reinforced unit masonry.
- ASTM C887 Standard Specifications for packaged, dry combined materials for surfaces bonding mortar.
- ASTM C946 Standard practice for construction of dry, surfaced-bonded walls.
- ASTM C1329 Standard specification for mortar cement.

C. Application:

1. Properly mixed, fresh cement mortar shall be applied to wetted joints, tooled in with consistent pressure and profile to provide a flush joint with a slight slant as a weathered joint. Joints to match existing or as noted by architect.
2. Special attention shall be paid at corners, turns, and vertical joints to render a compact joint with a clean uniform profile that would easily shed rainwater by gravity. Large pores and cavities shall be similarly treated.
3. New joints meeting existing areas to remain shall be feathered in to provide uniform visual continuity of color and profile as much as is practicable.
4. The appearance of widened joints due to mortar residue being left on face of bricks will not be accepted. Contractor to assure that all pointing mortar is removed from brick face before curing, leaving behind neat pointing and clean brick masonry. Contractor will repair all locations not completed to noted standards.

5. Sample area shall be re-pointed for the Architect's & FIT's inspection and approval prior to proceeding with the work. Only clean, uniform dense repointing with straight and sharp definition of line shall be acceptable. Mortar color to match existing.

D. Curing:

1. All freshly re-pointed areas shall be protected from rapid drying and sun and wind and/or washout by rain and storms for at least three (3) days. Thermal blankets shall be provided for all locations reported below 45°F
2. The curing process shall be assisted by giving a periodic and light spraying with clean fresh water, as required by the Architect.

E. Cleaning

1. All wall areas, ledges, floors, and other building areas shall be properly protected against splattering and any damage during the course of the work. All excess mortar and materials shall be removed from the building, all ledges, and roof areas daily before leaving the premises. All roof and building drains shall be specially protected against any blockage, washout of sand, cement and mortar mix by rain or otherwise at all times.
2. All debris, mortar and other excess materials shall be swept away. All ledges, walls, sills, floors, top of window air conditioners, roof areas and sidewalks shall be broom cleaned and the debris carted away at periodic intervals upon completion of various segments of work. Premises shall be left broom cleaned by the Contractor at the completion of the job.
3. All sidewalks and other passages, and adjacent buildings, roof and terraces shall be properly and continuously protected and kept clean. All necessary precautions, signage, permits, and barricading shall be provided to protect all pedestrians and persons from any injury and/or falling debris, mortar, water, etc. at all times.
4. All field dirt, including dust from grinding, is to be completely cleaned and removed from windowsills, ledges, window glass, mullion and muntin surfaces, sash tracks, window screens, air conditioner grills and other surfaces. Costs for re-rigging scaffolds to regain access to areas found to be not properly cleaned are to be borne by the Contractor.

F. Cleaning Debris:

Remove and cart away all excess materials and construction debris.

Part 2. Brick Masonry Reconstruction.

A. Preparation:

1. Architect/Engineer to provide SOW drawings showing where existing exterior wall face brick is spalling, moderately to severely cracked, bulging out of plumb due to continuous water penetration. The masonry in such areas shall be carefully removed to uncover existing structural members and back-up building components, and the areas cleaned and prepared for application of new masonry bricks matching existing. Additional areas not marked on drawings to be brought to A/E's attention for review.
2. Contractor shall provide proper shoring for existing masonry walls to remain as required. All open back-up masonry to be protected overnight with insulation and tarp attached with furring strips on 3 sides.
3. Any/all structural components and/or back-up building components uncovered shall be made available for the A/E's close examination, review and instructions.

B. Application:

1. Install new masonry bricks (matching existing) in full bed of cement mortar Type "N", perfectly plumb and true. All new bricks, mortar joints and bonding type shall match adjacent areas. Also see instructions for preparation selection in Section II Part 1, above.
2. Where instructed, provide 3/4" waffle weeps in vertical mortar joints approximately 16" apart. New waffle weeps shall slope down and outward to provide gravity shedding of entrapped water.

C. New Bricks:

1. New face bricks (solid units) shall be SW Grade, Type FBS, matching existing in color, shape and size and shall meet or exceed the standard set forth in ASTM Standard C216. Solid bricks only; no cored bricks are to be used. International building code and its relative standards shall apply.
2. Where required, Contractor is to provide special bricks, end and/or finish texture, as required to replace damaged bricks in kind.
3. Common building bricks (solid units) shall be SW Grade and shall meet or exceed the standard set forth in ASTM specification C62.
4. Contractor to provide samples of proposed face brick replacements for FITs' and Architect's approval.
5. Prior to delivery of new brick masonry units, Contractor shall submit to the A/E brick Manufacturer or Supplier's name and certification of compliance of new brick masonry units with specified standards and method of testing

as determined by the A/E approved testing agency conforming with the requirements of ASTM Standards E 329.

D. Masonry Ties and Anchors:

1. Provide the following non-corrosive masonry ties and anchors as required and shown on drawings. Wall ties shall be installed in accordance with TMS602/ ACI 5301/ASCE 6
 - a. Adjustable stainless steel ties: Shall be used for lateral support and bonding between adjacent masonry Wythes. Such ties shall have thickness minimum 20 gauge, width 7/8" and sufficient length to properly secure and reach the center of the horizontal masonry mortar joints. Ties shall be spaced maximum 16" apart vertically and horizontally, and staggered vertically so as in no alternate brick courses the ties installed form a continuous line.
 - b. Truss type masonry reinforcements: Furnish and install stainless steel truss type masonry reinforcements in mortar bed at each third horizontal masonry joint (maximum 12" o.c.). Truss type masonry reinforcements shall have longitudinal deformed stainless steel bars minimum 9 gauge and stainless steel cross wires minimum 12 gauge.

Maximum width of truss type reinforcements shall be approximately 1-5/8" less than the masonry wall thickness in which the reinforcements are to be installed in order to allow for adequate mortar cover at brick joints.

Spanning over expansion, control and/or construction joints is not permitted.
 - c. Adjustable Hook ties: Where horizontal masonry mortar joints do not align in composite cavity or insulated walls, or when inner masonry wythe is sound and not to be demolished, or constructed prior to exterior wythe, stainless steel truss type reinforcements shall be embedded in the horizontal mortar joints of the exterior wythe and secured to 1/4" diameter stainless steel adjustable hook ties anchored to the inner wythe at maximum 16" o.c. each way using non-shrink epoxy grout.
2. Placing flashings in the same brick mortar joints where masonry ties and anchors are to be installed is not permitted, as it may generate galvanic corrosion.

3. Products/acceptable masonry ties and anchors manufacturers are:

- Hohmann & Barnard Inc.
30 Rasons Court, P.O. Box 270
Hauppauge, NY 11788-4206

- Approved equal.

4. Contractor may recommend other masonry ties and anchors' manufacturers and submit samples along with manufacturer's literature to the Architect for review and approval prior to installation.

E. Cleaning Debris:

Remove and cart away all excess materials and construction debris.

Part 3. Coping Stone Repair and Replacement/Resetting.

A. Preparation:

1. Remove existing coping stones at designated areas where jointly reviewed and marked with the Architect on SOW drawings. Carefully remove old mortar, and dirt from setting bed.
2. Parge top of parapet smooth and void free with cement mortar.
3. Place waterproofing membrane on cured mortar. Prime with approved primer membrane to be recessed ½" from face of wall. Install new pins to reset copings. Seal pins with approved manufacture's sealant. Reset existing or new limestone copings as described below.

B. Work Included:

1. Copings shall be wetted before setting in a sound bed of cement mortar, aligned with existing copings to remain. Maintain bedding mortar about 3/4" inside from face of masonry for pointing, 1" at vertical joints between coping sections.
2. Copings shall be set perfectly aligned and leveled. If dowels are encountered, and are in sound condition, they are to remain. Any corroded or unsound dowels are to be removed and replaced in kind with non-corrosive units.
3. New copings are to be anchored to parapet and each other with stainless steel pins and epoxy grout. Seal around anchor penetrations through coping flashing with approved membrane manufactured sealant.
4. Vertical joints between coping sections shall be first mortared and then packed with flexible foam backer rod/bond breaker to within approximately 3/8" of the surface, but no more than the width of the joints. Provide minimum one (1) 3/4" wide expansion joint along each run.
5. Use masking tape on both sides of the joint, provide a uniform (approximately 3/4" wide) application area. Apply sealant as specified in Section D.

6. All replacement copings shall match existing in size, profile, texture and color.

C. New Limestone Copings:

1. Where an existing coping stone is cracked, chipped, damaged or otherwise unsound, replace in-kind with Indiana Limestone Coping, color, size and texture to match existing adjacent copings.
4. Submit samples of proposed replacement stone for A/E and FIT approval. Precast concrete alternative should be complete as per all related ASTM standards or specs.

D. Caulking:

1. Provide a sealant compound that shall be especially resistant to ultraviolet light and heat degradation, Dow 790 or Pecora 864 NST with appropriate primer and compatible approved back up rod. Otherwise, Contractor shall recommend three alternate caulking compounds and submit Manufacturer's literature for Architect's selection and prior approval.
2. Prime all surfaces thoroughly with manufacturer's approved prime compound as directed, and fill joints using pressure gun, and a uniform rate of flow, holding the gun to point toward the direction of movement. Tool the joint to a smooth, slightly concave uniform profile. Remove masking tape after curing as recommended by Manufacturer.
3. The color of the caulk shall be subject to the Architect's and owner's approval.

E. Flashing Below Copings

At all copings to be reset, place peel and stick membrane flashing, stopping ½" inboard of each side of the parapets. Provide support below membrane flashing as required to bridge any wall cavities. Flash penetrations through membrane flashing with approved.

Part 3b. Protective coating at coping stones.

A. Application:

1. Apply masonry coating over exposed top surfaces of coping stones, in strict accordance with manufacturer's written instructions.
2. Mask adjacent masonry below the top surface of the stone below to prevent coating being visible from streets and terraces below.

B. Scope of Work:

1. At concrete copings marked by A/E, apply protective coating determined in Field.

Section III. Limestone repairs.

Part 1. Re-pointing existing limestone joints.

A. Preparation:

Refer to Section II, Part 1 of these Specifications for general repointing procedures.

B. Application:

1. Refer to Section II, Part 1 of these Specifications for general repointing procedures with an exception of using Cathedral Stone Jahn Mortar M110 or approved equal mortar mix specifically formulated for limestone, conforming to ASTM C150 or ASTM C92. In addition, installation is to be completed in accordance with manufacturer's specification.
2. Installation to conform to guidelines established by the Indiana Limestone Institute of America, 22nd Edition of the Indiana Limestone Handbook and the 7th Edition of the ILIA Contractor's Handbook.
3. Sample of color to be installed at a 2SF section to be reviewed or approved by owner and architect.

C. Scope of Work:

1. Cut and repoint locations at limestone wall panel joints shown on drawings and based on Architect/Engineer inspections. Quantities on drawings are estimates; additional quantities are to be approved prior to completion.

Part 2. Patching Chipped / Minor Spalled Limestone.

A. Preparation.

1. Where existing limestone elements are chipped and/or minorly spalled, upon review and marking by the Architect/Engineer, saw cut area using electric saw with diamond blade and carefully remove any and all existing chipped and /or minor spalling areas approximately 1/2" down to sound Limestone as shown on the drawings.
2. Avoid feathering.
3. Clean area using fiber brush and potable water to remove all dust and debris.

4. Contractor shall take all precautionary measures while saw cutting and removing existing loose and limestone to protect the adjacent masonry that is to remain.

B. Application.

1. Installation to conform to guidelines established by the Indiana Limestone Institute of America, 22nd Edition of the Indiana Limestone Handbook, the 7th Edition of the ILIA Contractor's Handbook and ILIA publication, "Repairing Damage to Indiana Limestone.
2. Apply Repair Mortar M1 10 Jahn Stone Restoration Mortar by Cathedral Stone Products, Inc., 2505 Reed Street, N.E., Washington, D.C. 20018, or approved equal strictly as per manufacturer's written instructions.
3. Wet area to be patched with potable water prior to application of patching mortar.
4. Do not work in temperatures below 40° F, when substrate is colder than 40° F or when temperature is expected to fall below 40° for 72 hours after installation. Install mechanical anchors (stainless steel threaded rods (ASDM F593)) in all repair areas as specified on contract drawings or otherwise specified by the specifier.

Do not use any additives, such as bonding agents accelerators, or retardants in the mortar.

7. Do not mix material that can be used within 30 minutes. Discarding mixed material that has been unused for 30 minutes or more.
8. Dampening should begin as soon as the mortar has set sufficiently. Local weather conditions shall dictate the frequency, but hot weather requires more frequent dampening. Finish pouring should be damped for 72 hours. If mortar dries too rapidly and does not bond, it shall be replace at the contractor's expense.

Part 3. Dutchman Installation.

A. Preparation.

1. Where existing limestone elements are cracked, upon review and marking by the Architect/Engineer, saw cut area using electric saw with diamond blade and carefully remove any and all existing damaged stone to create a square, neat area for installation of new limestone Dutchman, to a 3" depth.
2. Contractor to provide samples for FIT and A/E selection of replacement limestone, which shall match existing in color and texture at each unique location.
3. Clean area using fiber brush and potable water to remove all dust and debris.

4. Contractor shall take all precautionary measures while saw cutting and removing existing loose and limestone to protect the adjacent masonry that is to remain.

B. Application.

1. Installation to conform to guidelines established by the Indiana Limestone Institute of America, 22nd Edition of the Indiana Limestone Handbook, the 7th Edition of the ILIA Contractor's Handbook and ILIA publication, "Repairing Damage to Indiana Limestone.
2. Pin and epoxy Dutchman to existing limestone panel as shown on the drawings. Epoxy to be Hilti Hit-HY 200 or approved equal pins to be stainless steel threaded rods. Minimum 4 locations.
Limestone section to replace existing to comply with:
ASTM C568/C56M standard specification for Limestone Dimension Stone; 2015
ASTM C1242 standard guide for selection, Design a installation of dimension stone attachment systems; 2015a
Limestone material to be type II (medium density classification)
3. Tolerances not to exceed + 1/4" variation from plumb, level, linear building lines or cross-sectional dimensions.

C. Scope of Work:

1. Limestone components which have been marked for patching repair based on on-scaffold inspection and joint Architect/ Engineer instructions are to be patched with Dutchman as noted in this section with 3" x 12"x 12" patch
Quantities shown are approximate.

Part 4. Remove and/or Reset or Replace Limestone Panels.

A. Preparation:

1. Where jointly reviewed and marked with the Architect and where existing limestone masonry wall panel is moderately to severely cracked, displaced or out of plumb, the limestone panel shall be carefully removed to uncover existing back-up building components, and the areas cleaned and prepared for application of new masonry limestone wall panel matching existing. To remove panels cut the existing connections around the perimeter of the stone. Tilt and remove the stone to salvage and reinstall. Store the stone in a protected location to be labeled and numbered, if to be reinstalled.
2. Contractor shall provide proper shoring for existing masonry walls to remain as required.

3. Any/all structural steel components and/or back-up building components uncovered shall be made available for the A/E's close examination, review and instructions.
4. Contractor to provide samples for FIT and A/E selection of replacement limestone, which shall match existing in color and texture.

B. Application:

1. Installation to conform to guidelines established by the Indiana Limestone Institute of America, 22nd Edition of the Indiana Limestone Handbook, the 7th Edition of the ILIA Contractor's Handbook and ILIA publication, "Repairing Damage to Indiana Limestone.
2. Install new masonry limestone wall panel (matching existing or resetting existing) in full bed of cement mortar Type "N", perfectly plumb and true. All new limestone panels, mortar joints and bonding type shall match adjacent areas. Exposed mortar joint to be cathedral stone as specified in Section III part 1.
3. Where instructed, provide 3/4" high weepholes in vertical mortar joints between panels. New weepholes shall slope down and outward to provide gravity shedding of entrapped water.
5. Anchor limestone panel to back-up material using stainless steel anchors set in epoxy, as drawn. Patch visible holes drilled for anchor pins as per Section V, Part 2 of these specifications.
6. Existing flashing and shelf angle to be inspected and repaired. Damaged flashing to be removed and replaced with aluminum sheet metal, mechanically attached to back up masonry. Install waterproofing membrane on metal and terminate as per manufacture's specifications.
7. At shelf angles, weld new tab to receive panel. Steel to be prepared as necessary to receive welding. Attachments per architectural drawings.

Part 5. Caulking and Sealants.

A. Preparation:

1. At existing caulk joints at window heads, jambs and sills, and metal to metal joints and at brick ends and HVAC vents, Contractor shall remove existing sealant, backer rod and any loose and cracked mortar.
2. At window heads and jambs, Contractor is to carefully clean out window master frame/panning profile to receive new backer rod and caulk installation. Contractor to insure that window finish is left undamaged and unscratched (masking if necessary) following removals.

3. Prior to application of any sealant compound to the existing joints around existing windows, A/C vents, brick, copings, metal panel joints, doors and other perimeters, Contractor shall carefully clean and remove all loose material and/or any existing sealant materials and bond breakers, dust clean and prepare joints to be sealed as required.
4. Areas to receive sealant compound shall be structurally sound, dry, clean, wand free of dirt, moisture, loose particles, oil, grease, asphalt, tar, paint, wax, rust and any other extraneous material that may result in unsatisfactory bonding and failure of new sealant compound. Contractor to use cleaners and solvents as required to properly prepare surfaces, all in full conformance with sealant manufacturer's written instructions.
5. Prior to installing joint sealant on material not noted by this section or manufacturer's literature, field test adhesion to joint substances using ASTM C1193, Method A. Verify adhesion is adequate. Modify joint preparation for failed joints and retest. Submit written report to architect.
6. Special installer's Warranty: Original statement on installer's letterhead in which installer agrees to repair or replace joint sealants that demonstrate deterioration or failure within warranty period specified.

Warranty Period: 2 (two) years from date of submittal completion.

7. Joint sealant to comply with the following standards:
ASTM C 920, ASTM C1248
Primer to prevent staining 1200 OS

B. Caulking and Sealant Installation:

1. After cleaning and preparing joint apply install backer rod (where appropriate) and caulking (color: to be approved by A/E).
2. Caulking to be installed in strict conformance with manufacturer's written instructions with close attention paid to preparation of surfaces, including window frames, to receive new application. Sealant applied under wet conditions, or outside the manufacturer's recommended temperature range will be rejected, removed and replaced at no cost to the FIT.
3. Products/acceptable sealant manufacturers are:
 - a. DOW Corning 790 Silicone Building Sealant
 - b. Or approved equal.
4. Tape both sides of joint to be sealed as required to provide a uniform and regular application area of sealant compound.

5. Prime all surfaces thoroughly with manufacturer's approved primer compound as instructed, and fill joints using pressure gun and a uniform rate of flow, holding the gun to point towards the direction of movement. Tool the joint to a smooth, slightly concave uniform profile. Remove masking tape after curing, as per manufacturer's recommendations.
 6. Avoid sealing existing weeps.
 7. Color of sealant compound to be applied shall be subject to Architect's approval.
- C. Scope of Work: →
1. Existing horizontal and vertical sealant joints to be repaired as marked or instructed by the Architect/Engineer.

Part 6. Water repellent coating.

A. Preparation:

1. Follow manufacturer's written instructions for preparation of masonry surfaces prior to application. Area to be fully dry, clean, repaired and repointed prior to receiving water repellent.
2. Protect all adjacent surfaces from splatter and drips during application
3. Product to comply with ASTM ES14, ASTM C67 & ASTM G53 and all state and local regulations concerning AIM coatings.

B. Application:

1. Apply Protectosil Chemtrete BSM 400 water repellent, in strict accordance with manufacturer's application guidelines using specified application equipment. Protect surfaces below application area.
2. Maintain temperatures above 40°F for 24 hours after installation.
3. Do not apply coating in temperatures above 100°F.
4. All repointing must be fully cured prior to re-coating application.
5. Provide written certification from manufacturer stating surface preparation method and final condition has manufacturer's approval and comply with warranty.

SECTION IV (scope iii) Façade Cleaning:

Section I. Inspections.

1.01. Examination/Inspections and Markings of Façade Damages.

1. Contractor shall furnish access and all necessary equipment, tools, scaffoldings and experienced crew required for examination of and all repairs to the brick masonry, stone panels, concrete spandrels, parapet walls, windows, steel, copings and all other facade and superstructure building components.
2. Using personnel experienced in brick masonry and steel repairs the contractor, jointly with the Architect/Engineer, shall examine the existing conditions of all facade components at close range. They shall mark all spalling, cracks, misalignments, rust stains, and any other signs of deterioration. Any and all unsafe and/or critical conditions that require immediate attention shall be recorded for immediate action. Contractor shall not proceed without written authorization from A/E. Contractor should notify A/E of additional conditions not noted on SOW documents.
3. Avoid using tools that may damage the existing facade and facade component finished surface.
4. All existing waterproofing/flashing at the superstructures and facades shall be inspected and any material failure, rust stains, spalling, etc. shall be reported to the Architect.
5. At all existing facades and superstructure components, Contractor shall provide unit price per approx. 4-hour drop for crew, equipment and hung scaffolding or boom platform needed for Architect/Engineer's on-scaffold inspections as required for the verification of existing conditions and final verification of completed work.

Section II. Limestone Façade Cleaning and Coating.

Limestone Cleaning

2.01 DESCRIPTION OF WORK

- A. Provide all masonry cleaning Work as indicated on the Drawings and as specified herein.

2.02 REFERENCES

- A. References and industry standards listed in this Section are applicable to the Work. Unless more restrictive criteria or differing requirements are explicitly stated in the Specifications, or mandated by governing codes or regulations, the recommendations, suggestions, and requirements

described in the referenced standards shall be deemed mandatory and applicable to the Work.

1. American Society for Testing and Materials (ASTM)

2.03 SUBMITTALS

A. Product Data:

Cleaning materials manufacturers' catalog sheets, specifications, and application instructions.

B. Quality Control Submittals:

1. Cleaning Subcontractor's Qualifications Data:

- a. Firm name, address, and telephone number.
- b. Period of time firm has performed masonry cleaning work, and names and addresses of the required number of similar projects completed by the firm.

2. Cleaners Qualifications Data:

- a. Name of each person who will be performing the Work of this Section.
- b. Employer's name, address, and telephone number.
- c. Names and addresses of the required number of similar projects that each person has worked on which meet the experience criteria.

3. Cleaning Procedure: Proposed cleaning procedure for cleaning masonry including each step in the cleaning process, type of scaffolding, and type, size and location of equipment.

C. Submit a schedule of cleaning activities for limestone surfaces to be cleaned. (Include location and a description of the cleaning sequence, all products, equipment and scaffolding, etc. to be used.

D. Submit a description of Protection Procedures for each condition and surface which requires protection.

2.04 QUALITY ASSURANCE

A. Cleaning Contractor's Qualifications:

The firm performing the Work of this Section shall have been regularly engaged in masonry cleaning work for a minimum of five years, and shall have completed 5 similar projects using the cleaning method specified.

B. Cleaners' Qualifications:

The persons cleaning the masonry and their supervisors shall be personally experienced in the required method of masonry cleaning, and shall have worked on 5 similar projects within the last 3 years.

C. Field Examples:

1. Before the building cleaning operations are started, clean four samples of panels of approximately 50 square feet each required to be cleaned at a location on the building directed by the A/E. If the sample panel is not satisfactory, as determined by the A/E & Owner modify the cleaning procedure and clean another sample panel. Continue cleaning sample panels until satisfactory results are obtained and approved. When a final approval is obtained, go back and re-clean all previously rejected panels.

a. For cleaning procedures other than specified, but which generally follow the method(s) specified, submit proposed procedure for approval and clean additional sample panels adjacent to the above sample panels for comparison of results.

2. Approved panels and procedures will become the cleaning standard for the Work of this Section.

3. Cover the approved sample panels with six mil polyethylene plastic mounted on wood frames of adequate size and strength to protect the panels until the completion of Work. The cover shall be easily removable for comparison with completed Work.

D. If unusual types of soiling agents are encountered, consult with the A/E & FIT's Representative before proceeding with the Work.

2.05 DELIVERY, STORAGE, AND HANDLING

A. Deliver cleaning materials in manufacturer's packaging, with instructions for use.

B. Store, protect, and handle cleaning materials in accordance with manufacturer's instructions.

2.06 PROJECT CONDITIONS

A. Environmental Requirements:

1. Make necessary provisions for the diversion and disposal of cleaning water and solutions, including the furnishing of pumps if required. Take precautions as required to prevent damage and contamination resulting from run off of cleaning solution.
 2. Do not wet or wash down masonry surfaces when the temperature is below 40°F or may drop below 40°F within 24 hours.
- B. Existing Conditions:
1. Take necessary precautions and protective measures to prevent injury to people and damage to property in areas adjacent to the Site, including damage due to wind drift of cleaning materials.
 2. Pumping equipment will not be allowed in or on the building.
 3. Ensure that painted surfaces (such as exterior doors, windows, window sills, etc.) are not affected by the washing, except for those surfaces designated for cleaning.

Products

2.07 MATERIALS

A. Cleaning Materials:

Liquid detergents and water, and solutions of chemical cleaning agents and additives, that will remove the dirt, grime, carbon, surface residues, stains, graffiti, and other foreign material from the masonry surfaces, but will not damage the limestone.

Products/acceptable manufacturers are:

- a. Simple Green All Purpose Cleaner
 - b. Or approved equal.
- B. Do not use abrasive blasting aggregate cleaning method, or low pressure micro-abrasive powder process or any other cleaning method until written permission is given by the A/E & FIT.

Execution

2.08 PREPARATION

A. Protection:

1. Protect windows, doors, fixtures, air conditioners, roofing, flashings, painted surfaces and other adjacent surfaces not required to be cleaned, from damage.
2. Protect landscaping, paving, and other improvements near the building from damage.
3. Construct temporary sidewalk sheds at building entrances and other areas to divert cleaning materials and debris away from entrance ways and to provide sheltered access to the building.

B. Surface Preparation:

1. Remove, stalactite deposits, and heavy accumulations of dirt, bird droppings and other foreign materials from surfaces required to be cleaned. Remove material from the site.
2. Perform this preliminary cleaning by brushing, sweeping, wiping, scraping, vacuuming, and other approved methods as required by existing conditions. Use tools that will not damage the masonry.

2.09 CLEANING MASONRY

A. Chemical Solutions or Liquid Detergent and Water:

1. Prewet the masonry surfaces with water.
2. Prepare cleaning solutions and operate pressure spray equipment in accordance with cleaning materials manufacturer's recommendations, unless otherwise indicated.
 - a. Clean areas with bristle brushes.

B. Water Cleaning Methods:

1. Low pressure (water soak) for limestone.
2. Medium pressure: Use 200 psi to 600 psi.

C. Clean masonry equal in appearance to the approved sample panels.

D. Clean masonry free of dirt, grime, soot, carbon, efflorescence, moss, stains, graffiti, tendrils, and other foreign materials. Leave masonry uniformly clean and undamaged.

E. Clean all features and appurtenances of the masonry such as sills, arches, lintels, returns, reveals, projecting courses, coping, entablature work, , cornices, and other features, except for those building features which are painted and are not included in the scope of work.

- F. Thoroughly rinse off the masonry surfaces with water.

2.10 CLEAN-UP

- A. Clean and restore sidewalks, paving, and lawns soiled or damaged as a result of the cleaning operations. Remove all protective materials.

Water repellent coating (optional).

A. Preparation:

- 4. *Follow manufacturer's written instructions for preparation of masonry surfaces prior to application. Area to be fully dry, clean, repaired and repointed prior to receiving water repellent.*
- 5. *Protect all adjacent surfaces from splatter and drips during application*
- 6. *Product to comply with ASTM ES14, ASTM C67 & ASTM G53 and all state and local regulations concerning AIM coatings.*

B. Application:

- 6. *Apply KEIM Silan-100 exterior water repellent coating, in strict accordance with manufacturer's application guidelines using specified application equipment. Protect surfaces below application area.*
- 7. *Maintain temperatures above 40°F for 24 hours after installation.*
- 8. *Do not apply coating in temperatures above 100°F.*
- 9. *All repointing must be fully cured prior to re-coating application.*
- 10. *Provide written certification from manufacturer stating surface preparation method and final condition has manufacturer's approval and comply with warranty.*

Products/acceptable manufacturers are:

- a. *KEIM Silan-100*
- b. *Or approved equal.*

Section V. Structural Steel Repairs (optional).

Part 1. Shelf Angle repairs (optional)

A. Preparation:

- 1. Contractor shall furnish safe access and provide all necessary equipment, tools, scaffolding and experienced crew for close examination of the existing steel angle lintels for any corrosion, masonry cracks and signs of damage.*
- 2. The Contractor, jointly with the Architect/Engineer shall perform on-scaffold inspections of all existing shelf angles. They shall mark for repair, classify, record and field measure all existing steel shelf angle corrosion and damages.*
- 3. Based on on-scaffold inspections and joint instructions by the Architect/Engineer, remove four courses of brick to expose shelf angle for repair and waterproofing at locations of existing shelf angle to remain. Scrape, prime and paint existing shelf angle. Fill voids in back-up masonry solid width with mortar to provide a smooth, solid substrate to receive waterproofing.*
- 4. At all times, properly protect area against weather conditions.*

B. Shelf angle replacement.

Same as Part 4a, above, but price to also include the in-kind replacement of shelf angle bolted to concrete spandrels and columns using specified anchor bolts, Hilti Hit-HY 200 epoxy, min. 4" embedment staggered.

C. Shelf angle extensions.

Where existing shelf angles are undersized and do not provide sufficient bearing for face brick, weld 3/8" steel plate extensions. Price to include repairs described in Part 4a. above.

D. Shelf angle reinforcement at corners.

1. At deteriorated window lintels remove existing steel. Replace with AISC 360-10 approved angle painted, 1 coat of primer, 2 coats finished as specified in section III, part 3. Remove four courses of brick masonry and parge back-up masonry fully to receive waterproofing. Steel lintel installed as per approved detail bearing on minimum 6" of masonry on each jamb. Lintels over 4' to be mechanically attached to back up masonry with anchor bolts @ 18" O.C.. Masonry to be reinstalled, fully filling collar joint. Install weeps and waterproofing as noted below:

Shelf angles at wall at corners, (refer to detail drawings) shall be joined and made continuous using 1/4" L shaped plates, welded to shelf angle on each side.

Note: Price to include all required masonry and waterproofing work.

B. Painting:

Per Section III, Part 3 of these Specifications.

C. Waterproofing Membrane:

1. *Install peel and stick barrier membrane waterproofing, extending onto back-up masonry at least 6" above shelf angle or as high as masonry removals allow. Secure top edge of membrane with termination bar, seal top edge with approved manufacturer's sealant. Lap any existing waterproofing to remain over new membrane, shingle style. Provide end dams at edge of lintels.*

D. Masonry Reconstruction:

Per Section II, Part 2 of these Specifications. Reinstall face brick, with specified brick ties.

E. Weepholes:

At each shelf angle, provide waffle weeps at vertical mortar joints approximately 1'-6" apart.

F. Cleaning Debris:

Remove and cart away all excess materials and construction debris.

Part 2. Structural Steel Repairs/Reinforcement.

A. Preparation:

All existing structural steel members, marked for reinforcement due to corrosion and/or structural damage, shall be scraped and cleaned of all corrosion and prepared for steel reinforcement as shown on approved shop drawings. Steel shall comply with AISC 360-10 and applicable codes.

B. Application:

1. *Provide, fabricate and install structural steel reinforcements as per Architect/Engineer prior reviewed and approved shop drawings.*

2. *All field/shop welding joints and connections shall be shield metal arc welded. Welding electrodes and fluxes shall conform to the Specifications of the American Welding Society and welding inspections shall be performed in accordance with the provisions of the structural welding codes.*

3. *Any and all bolted joints and connections shall be ASTM A325 high strength bolts for structural steel joints and connection unless otherwise specified.*

7. *All exposed steel to be prepped, primed and painted, in accordance with other parts of these Specifications or as directed by the A/E.*
8. *All welding and bolting shall be presented for inspection and approval prior to cloures.*

Part 3. Rustproofing of Structural Steel.

A. Preparation:

1. *Wire brush, scrape and otherwise remove any corrosion from exposed structural steel.*
2. *Remove any mill oils, corrosion, dirt and dust from existing and new steel.*

B. Application:

1. *Materials:*

- a. *At structural steel that will be left exposed to the exterior, primer and paint steel. All coats to be in different colors.*

Primer: Benjamin Moore® Super Spec HP® Alkyd Metal P06 primer, or approved equal.

Top coats: Benjamin Moore® Super Spec HP® D.T.M. Alkyd Semi-Gloss Enamel P24, for the two finish coats.

- b. *At structural steel that will be encased in concrete, shall received full coating of Sika Armatec 110, Installed per manufacture's specifications and encased in kind.*

3. *All steel surfaces to be fully primed and painted prior to installation.*

EXHIBIT D: DRAWINGS

DRAWINGS INDEX C1618

SCOPE I

T-000.00	COVER SHEET
T-001.00	STRUCTURAL NOTES
A-100.00	ROOF PLAN
A-200.00	NORTH ELEVATION
A-201.00	SOUTH ELEVATION
A-202.00	WEST ELEVATION
A-203.00	COURTYARD ELEVATION EAST
A-204.00	COURTYARD ELEVATION WEST
S-100.00	ORIGINAL CONSTRUCTION DETAILS FOR REFERENCE ONLY
S-101.00	PROPOSED PRECAST CONCRETE REPAIR (TYP)

SCOPE II

T-000.00	COVER SHEET
T-001.00	STRUCTURAL NOTES
A-100.00	ROOF PLAN
A-200.00	NORTH ELEVATION
A-201.00	SOUTH ELEVATION
A-202.00	WEST ELEVATION
A-203.00	COURTYARD ELEVATION EAST
A-204.00	COURTYARD ELEVATION WEST
S-100.00	ORIGINAL CONSTRUCTION DETAILS FOR REFERENCE ONLY
S-101.00	PROPOSED PRECAST CONCRETE REPAIR (TYP)
S-102.00	PROPOSED CONCRETE CLADDING ELEVATION
S-103.00	PROPOSED REINFORCEMENT DETAIL

SCOPE III

A-100.00	EAST ELEVATION
A-101.00	EAST ELEVATION
A-102.00	EAST ELEVATION

EXTERIOR RESTORATION PLAN

271 WEST 27TH STREET, NY 10001

SCOPE I C1618

GENERAL NOTES

- WHERE NEW WORK IS REQUIRED AND IT CONFLICTS WITH EXISTING STRUCTURAL, MECHANICAL OR CODE LIMITATIONS, THE CONTRACTOR, BUILDER, OR THOSE IN RELEVANT OR CONTINGENT TRADES SHALL INFORM THE OWNER AND ARCHITECT OF SUCH, PRIOR TO PROCEEDING WITH SUCH WORK.
- NO WORK OF ANY TRADE IS TO BE CARRIED OUT IN THE EVENT OF CONFLICT OF INFORMATION. CLARIFICATION OF THIS NATURE ARE TO BE MADE BY THE ARCHITECT OR OWNER.
- ALL WORK IS TO BE CARRIED OUT IN COMPLIANCE WITH APPLICABLE LOCAL CODE REQUIREMENTS AND ANY AGENCIES HAVING JURISDICTION, AS WELL AS ALL MANAGEMENT REGULATIONS.
- ALL WORK SHALL BE DONE IN A FIRST CLASS WORKMAN-LIKE MANNER AND FABRICATED WITH FIRST CLASS MATERIALS. CONTRACTOR SHALL SUBMIT THE PROPOSED WORK SCHEDULE WITH HIS LUMP SUM BID THAT WILL NOT BE CHANGED EXCEPT WITH THE APPROVAL OF THE OWNER AND ARCHITECT.
- EXISTING PROPERTY AND NEW WORK IS TO BE PROPERLY PROTECTED AGAINST DAMAGES UNTIL THE COMPLETION OF THE JOB, AT WHICH TIME IT SHALL BE LEFT BROOM CLEAN.
- AT DEMOLISHED OR CHOPPED AWAY LOCATIONS, PATCHING SHALL BE DONE WITH LIKE MATERIALS OR AS SPECIFIED.
- THE SUBCONTRACTORS' WORK UNDER THE BUILDER (GENERAL CONTRACTOR) SHALL BE FULLY COORDINATED SO AS TO AVOID UNNECESSARY DEMOLITION OR CONFLICT OF WORK SEQUENCE OF VARIOUS TRADES AND WORKMEN.
- THE CONTRACTOR SHALL FILE CERTIFICATES OF WORKMENS COMPENSATION, COMPREHENSIVE AUTO LIABILITY, COMPREHENSIVE GENERAL LIABILITY, AND EMPLOYER'S LIABILITY INSURANCES WITH THE OWNER AND ARCHITECT. THE CONTRACTOR IS ALSO TO OBTAIN PERMITS AND PAY ALL FEES REQUIRED BY VENTENOR DEPARTMENT OF BUILDINGS AND ANY OTHER AUTHORITIES HAVING JURISDICTION.
- THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO INSURE THE SAFETY OF THE PUBLIC, WORKMEN, VEHICLES, EXISTING STRUCTURES AND OCCUPANTS OF THE BUILDING.
- A LICENSED ELECTRICIAN SHALL PERFORM ANY AND ALL ELECTRICAL WORK IN ACCORDANCE WITH NATIONAL ELECTRICAL CODE AND NBFU CODE. PRIOR TO FINAL PAYMENT TO THE BUILDER, A COMPLETION CERTIFICATE SHALL BE ISSUED TO THE OWNER.
- ANY AND ALL PLUMBING WORK SHALL BE PERFORMED BY A LICENSED PLUMBER WHO IS RESPONSIBLE FOR FILING ALL WORK THAT IS TO BE PERFORMED.
- CONTRACTORS SHALL INDEMNIFY AND HOLD HARMLESS THE OWNER, AND THE ARCHITECT AGAINST ALL EXPENSES AND ATTORNEY'S FEES AND ANY LAWSUITS OR ACTIONS ARISING IN WHOLE OR IN PART FROM ANY ACT OR COMMISSION BY THE CONTRACTOR, OF THE SUBCONTRACTOR OR ANYONE DIRECTLY OR INDIRECTLY EMPLOYED BY THE OWNER.
- REFER TO THE PROJECT MANUAL'S SECTION FOR ADDITIONAL NOTES AND CONDITIONS. THE SUBMISSION OF THE CONTRACTOR'S BID IMPLIES THAT ALL DRAWINGS, SPECIFICATIONS, AND NOTES HAVE BEEN READ, UNDER- STOOD AND INCORPORATED AS PART OF THE BID AMOUNT WITH ALL ITS PREREQUISITES AND TERMS. ALL STRUCTURAL WORK SHALL CONFORM TO THE REQUIREMENT OF THE STRUCTURAL ENGINEER AND BUILDING CODE REQUIREMENT

TENANT PROTECTION PLAN

ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE NEW JERSEY BUILDING CODE AND WITH ALL REGULATIONS OF ANY OTHER AGENCY HAVING JURISDICTION.

OCCUPANCY: NO ONE SHALL OCCUPY THE SPACE DURING CONSTRUCTION.

EGRESS: ALL EXISTING MEANS OF EGRESS FROM THE BUILDING SHALL BE MAINTAINED CLEAR AND FREE OF ALL OBSTRUCTIONS, SUCH AS BUILDING MATERIALS, TOOLS, ETC.

FIRE SAFETY: THE INTEGRITY OF ALL EXISTING FIREPROOFING SHALL BE MAINTAINED.

ALL FLAMMABLE MATERIALS SHALL BE KEPT TIGHTLY SEALED IN THEIR RESPECTIVE MANUFACTURER'S CONTAINERS. SUCH MATERIALS SHALL BE KEPT AWAY FROM HEAT AND SHALL BE USED AND STORED IN AN ADEQUATELY VENTILATED SPACE.

ALL ELECTRICAL POWER IN THE CONSTRUCTION AREA SHALL BE SHUT-OFF AFTER WORKING HOURS.

THE CONTRACTOR SHALL MAKE SURE THERE IS NO LEAKAGE OF ANY FLAMMABLE GAS USED IN CONSTRUCTION.

ALL BUILDING MATERIALS STORED AT THE CONSTRUCTION AREA, AND/OR IN ANY AREA OF THE BUILDING, ARE TO BE SECURED IN A LOCKED AREA. ACCESS TO SUCH AREAS SHALL BE CONTROLLED BY OWNER AND/OR GENERAL CONTRACTOR.

HEALTH REQUIREMENT CONSTRUCTION OPERATIONS SHALL NOT INVOLVE INTERRUPTION OF HEATING, WATER OR ELECTRICAL SERVICES TO OTHER TENANTS OF THE BUILDING WITHOUT PRIOR NOTICE.

DUST CONTROL: DEBRIS, DUST AND DIRT SHALL BE KEPT TO A MINIMUM AND BE CONFINED TO THE IMMEDIATE CONSTRUCTION AREA AND SHALL BE CLEARED FROM THE BUILDING PERIODICALLY TO AVOID EXCESSIVE ACCUMULATION.

CONTRACTOR SHALL ISOLATE THE CONSTRUCTION AREA FROM OCCUPIED BUILDING AREAS BY MEANS OF TEMPORARY PARTITIONS OR HEAVY DROP CLOTHS.

NOISE RESTRICTIONS: CONSTRUCTION OPERATIONS SHALL BE CONFINED TO REGULAR WORKING HOURS: MONDAY THRU FRIDAY, 8:00 AM - 5:00 PM. ON SATURDAYS AND SUNDAYS BY PERMISSION OF MANAGEMENT.

PROTECTIVE OVERHEAD BRIDGING

- MINIMUM 8' HIGH CLEARANCE AT SIDEWALKS, WATERPROOF PLANKING DECK AND 4' PARAPETS.
- PROVIDE 14' CLEARANCE AT DRIVEWAY AREAS.
- PROVIDE FOR MAXIMUM 150 P.S.F. LIVELOAD TO ALLOW FOR FUTURE PIPE SCAFFOLDING TO BE ADDED ABOVE THE BRIDGE TO ACCESS BALCONIES FOR RECONSTRUCTION UP TP ROOF LEVEL.
- PROVIDE 24 HR. LIGHTING AND SECURITY SYSTEM.
- PROTECTIVES AT BRIDGE STEEL POSTS & BOLTS AT PEDESTRIAN LEVEL.
- ALL WORK TO BE PERFORMED BY EXPERIENCED CREW AND LICENSED AND INSURED CONTRACTOR.
- PROTECT ALL PLANTING AREAS & TREES AGAINST DAMAGE.

DRAWINGS INDEX

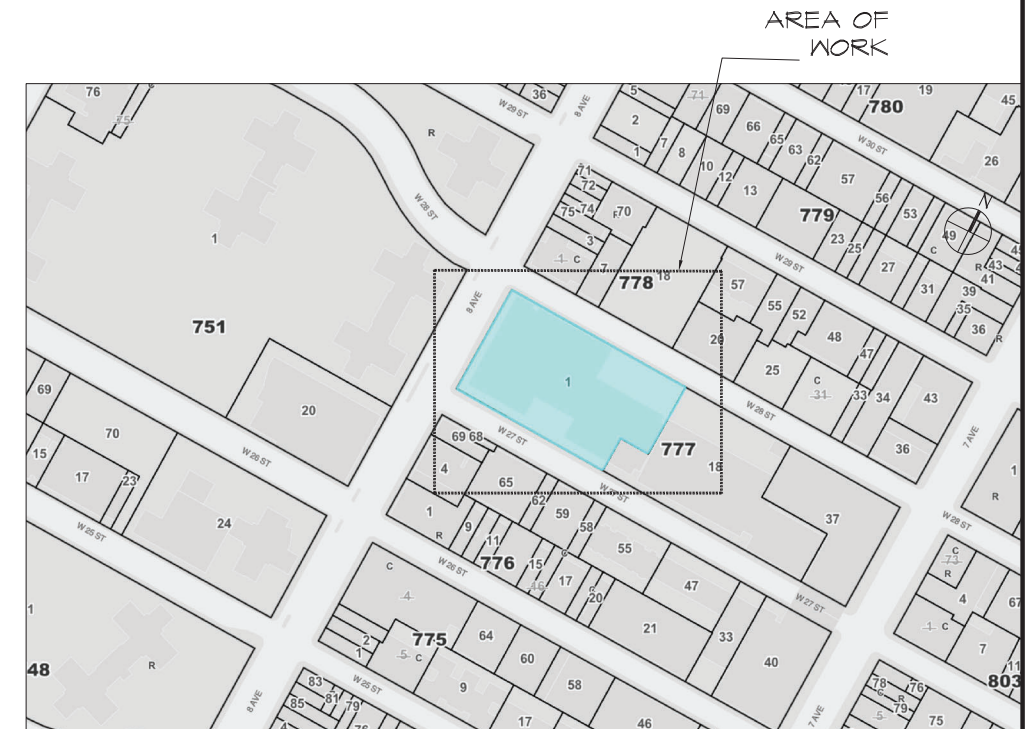
- T-000.00 COVER SHEET
- T-001.00 STRUCTURAL NOTES
- A-100.00 ROOF PLAN
- A-200.00 NORTH ELEVATION
- A-201.00 SOUTH ELEVATION
- A-202.00 WEST ELEVATION
- A-203.00 COURTYARD ELEVATIONS EAST
- A-204.00 COURTYARD ELEVATIONS WEST
- S-100.00 ORIGINAL CONSTRUCTION DETAILS FOR REFERENCE ONLY
- S-101.00 PROPOSED PRECAST CONCRETE REPAIR (TYP.)

ZONING NOTES

ADDRESS: 271 WEST 27TH STREET NY 10001
 BLOCK: 777
 LOT: 1
 ZONING MAP # C6-2
 OCCUPANCY:

NOTE:

PROTECTIVE SIDEWALK BRIDGING BY OTHERS UNDER SEPARATE APPLICATION



PLOT PLAN
NTS

OWNER/ BID	B	02.28.2024
Rev. To	Qty.	Date
ISSUE		
ROOF PLAN		
271 WEST 27TH ST NEW YORK NY		
ENGINEER	ARCHITECTS	
MALCOLM GRAFF, P.E. DAVID REYHAN, P.E.	DARIUS TORABY ARCHITECTS, P.C. 242 WEST 27TH STREET, 5TH FB NEW YORK, NY 10001; TEL: (212) 242-2455	A100.00
DWG BY: AS	SCALE: AS NOTED	PAGE 1 OF 10

STRUCTURAL NOTES

STEEL DECK NOTES:

- 1. STEEL DECK SHALL CONFORM TO THE CURRENT SPECIFICATIONS FOR THE DESIGN OF LIGHT GAUGE COLD FORMED STEEL STRUCTURAL MEMBERS AS PER THE AISI LATEST EDITION AND STEEL DECK INSTITUTE SPECIFICATIONS AND STANDARDS. WHERE REQ'D FOR SPAN PROVIDE 40KSI DECK.
2. DECK SHALL BE ANCHORED BY WELDING THROUGH THE BOTTOM OF THE RIB TO STRUCTURAL STEEL AT MAXIMUM SPACING OF 12" USING ARC PUDDLE WELDED WITH MINIMUM BEARING OR END LAP OF 2".
3. DECK OPENINGS SHALL BE TREATED AS FOLLOWS:
A. FOR HOLES 6" OR LESS, PERPENDICULAR TO THE SPAN, NO REINFORCING IS REQ'D.
B. FOR HOLES OVER 6", BUT NOT MORE THAN 12", PROVIDE ONE 14 GAUGE REINFORCING PLATE 24"x24" AND WELD IN PLACE.
C. ALL OTHER OPENINGS TO BE FRAMED AS SHOWN ON PLAN

SUPERSTRUCTURE CONCRETE NOTES:

- 4. ALL CONCRETE OVER METAL DECK SHALL BE LIGHT WEIGHT CONCRETE WITH A MINIMUM COMPRESSIVE STRENGTH OF 3500 PSI AT 28 DAYS U.O.N.
5. CONCRETE ENGAGEMENTS SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3500 PSI AT 28 DAYS U.O.N.
6. ALL CONCRETE IS TO COMPLY WITH ALL REQUIREMENTS OF CURRENT ACI BLDG. CODE AND ALL RELEVANT SECTIONS OF THE NEW YORK CITY BUILDING CODE.
7. CONCRETE USED FOR FILL SHALL BE LIGHT WEIGHT CONCRETE HAVING A MINIMUM COMPRESSIVE STRENGTH OF f'c=3500 PSI AT 28 DAYS U.O.N. FILL CONCRETE SHALL BE REINFORCED WITH 6X6-M2.9X12.9 M.M.F.

STRUCTURAL STEEL NOTES:

- 8. STRUCTURAL STEEL HAS BEEN DESIGNED IN ACCORDANCE WITH THE NYC BUILDING CODE. ALL STEEL TO BE ASTM A992 HAVING A MINIMUM YIELD OF 50,000 PSI U.O.N. ALL STEEL TO BE DOMESTIC ONLY.
9. AISC SPECIFICATIONS FOR "ALLOWABLE STRESS DESIGN (ASD) FOR STRUCTURAL STEEL IN BUILDINGS" - LATEST EDITION SHALL APPLY, EXCEPT AS MODIFIED BY THE NOTES, SCHEDULES AND DETAILS SHOWN ON THE STRUCTURAL DRAWINGS OR ANY RESTRICTIVE REQUIREMENTS OF THE BUILDING CODE. ALL LATERAL CONNECTIONS SHOWN ON 5-100'S ARE DESIGNED USING "ALLOWABLE STRESS DESIGN".
10. THE FRAME SHALL BE CARRIED UP TRUE AND PLUMB AND TEMPORARY BRACING SHALL BE INTRODUCED WHEREVER NECESSARY TO TAKE CARE OF ALL LOADS TO WHICH THE STRUCTURE MAY BE SUBJECTED, INCLUDING EQUIPMENT AND OPERATION OF SAME SUCH BRACING SHALL BE THE RESPONSIBILITY OF THE STEEL CONTRACTOR AND SHALL BE LEFT IN PLACE AS LONG AS REQUIRED FOR SAFETY.
11. ALL CONNECTIONS SHALL BE IN ACCORDANCE WITH AISC SPECIFICATIONS.
12. ALL WELDED CONNECTIONS SHALL CONFORM TO THE NEW YORK CITY BUILDING CODE. PROVISIONS SHALL BE MADE FOR FIELD INSPECTION AND TESTING OF WELDS. ALL SHOP WELDS SHALL BE TESTED BY ANY OF APPROVED METHODS AND SHALL BE CERTIFIED.
13. ALL BOLT STEEL SHALL CONFORM TO THE FOLLOWING ASTM DESIGNATIONS, LATEST EDITION: HIGH STRENGTH TENSION CONTROL BOLTS A-325 AND A-490, U.O.N.
14. ALL BOLTS SHALL BE 3/4" XX F1 XX MINIMUM ON HOLES 13/16" UNLESS OTHERWISE SHOWN ON THE DRAWINGS.
15. ALL SHOP CONNECTIONS SHALL BE HIGH STRENGTH BOLTED OR WELDED.
16. ALL COLUMN SPLICES, CONNECTIONS OF BEAMS TO COLUMNS, CONNECTION WITHIN THREE FEET OF COLUMNS, CONNECTIONS OF OR TO DIAGONAL MEMBERS, AND ALL BEAMS CARRYING MACHINE LOADS SHALL BE HIGH STRENGTH SUP CRITICAL CONNECTIONS.
17. IN ADDITION TO MOMENT CONNECTION, PROVIDE AISC STANDARD SHEAR CONNECTIONS FOR ALL GRAVITY AND WIND LOADS AS SHOWN IN THE TYPICAL SHEAR CONNECTION DETAILS.
18. ALL SHEAR CONNECTORS SHALL BE XX 3/4 F1 XX HEADED STUDS AND 4 7/8" LONG.
19. ALL ENDS OF COLUMNS AT SPLICES AND ALL OTHER BEARING CONNECTIONS SHALL BE MILLED TO COMPLETE TRUE BEARING.
20. PROVISIONS SHALL BE MADE FOR CONNECTIONS OF OTHER TRADES INCLUDING CUTTING AND PUNCHING OF STRUCTURAL MEMBERS, WHERE REQUIRED BY THE DRAWING OR BY INFORMATION FURNISHED PRIOR TO FABRICATION. ALL TRADES APPLYING POINT LOADS TO STRUCTURE MUST SUBMIT LOAD AND LOCATION TO ENGINEER OF RECORD FOR REVIEW
21. THE USE OF A CUTTING TORCH IN THE FIELD WILL NOT BE PERMITTED.
22. WELDING ELECTRODES SHALL CONFORM TO THE ETOXX CLASSIFICATION OF THE AMERICAN WELDING SOCIETY.
23. CONTRACTOR SHALL PROVIDE STIFFENERS PER CHAPTER K OF AISC SPECIFICATION (LRFD). FOR THE NON SEISMIC CONDITIONS.
24. ALL WELDERS SHALL BE LICENSED BY THE STATE OF NEW YORK.
25. AREAS OF STRUCTURAL STEEL LEFT UNPAINTED TO ALLOW FOR WELDING OR BOLTING, SHALL RECEIVE A FIELD APPLICATION OF METAL PROTECTION.
26. STRUCTURAL STEEL THAT WILL REMAIN EXPOSED TO VIEW SHALL RECEIVE AN ADDITIONAL COAT OF METAL PROTECTION, OF ANOTHER COLOR, AFTER ERECTION.
27. MISC. METAL CONTRACTOR TO SURVEY IN PLACE STRUCTURAL STEEL PRIOR TO DEVELOPING SHOP DWGS. AND FABRICATING.
28. ALL EXPOSED STEEL, INCLUDING BUT NOT LIMITED TO LINTELS, DUNNAGE AND ROOF ENCLOSURES EXPOSED TO THE WEATHER AND STRUCTURAL TUBES PARTIALLY OR FULLY EMBEDDED IN THE EXTERIOR WALL MUST BE HOT DIPPED GALVANIZED INDICATE SUCH ON SHOP DWGS.
29. STRUCTURAL STEEL FABRICATOR TO SUBMIT QUALIFICATIONS OF DETAILER WHO MUST HAVE A MINIMUM EXPERIENCE OF FIVE YEARS AND BE LICENSED IN THE STATE OF NY. THE ENGINEER OF RECORD RESERVES THE RIGHT TO REJECT THE SUBMITTED DETAILER IF THEIR QUALIFICATIONS DO NOT MEET THE REQUIRED MINIMUM.
30. STRUCTURAL STEEL FABRICATOR TO SUBMIT SIGNED SEALED BY NYSPE CALCULATIONS OF ALL CONNECTIONS, TYPICAL AND OTHERWISE, PRIOR TO SUBMITTING SHOP DWGS. ALLOW TWO WEEKS FOR REVIEW.
31. ALL CONTRACTORS PER CONTRACT ARE REQUIRED TO COORDINATE THEIR TRADE WITH ALL CONTRACT DWGS.
32. PROVIDE STRUCTURAL STEEL SIZES SHOWN ON PLAN. IF NOT AVAILABLE SIZE MUST BE MANUFACTURED BY EQUIVALENT PLATES AND FULL PEN WELDS AT NO ADDITIONAL COST TO OWNER.
33. STEEL FABRICATOR AND DETAILER TO BE CERTIFIED BY AISC.

FOUNDATION NOTES:

EXCAVATION

- 1. ALL FOOTINGS, PIER AND FOUNDATION WALLS SHALL BEAR ON UNDISTURBED SOIL WITH A SAFE BEARING CAPACITY OF 2 TONS PER SQ. FT.
2. WHERE THE REQUIRED BEARING MATERIAL IS NOT FOUND AT THE ANTICIPATED ELEVATION SHOWN (ELEVATION BASED ON INTERPOLATED BORING DATA) THE FOOTINGS SHALL BE LOWERED TO A DEPTH AT WHICH THE REQUIRED BEARING CAPACITY IS FOUND.
3. ALL FILL MATERIALS WITHIN AND TO 8 FT. BEYOND THE PROPOSED BUILDING SHOULD BE REMOVED AND REPLACED WITH COMPACTED WELL-GRADED SAND HAVING LESS THAN 1255 PASSING THE NO. 200 SIEVE AND CONFORMING TO ALL CODE REQUIREMENTS FOR CONTROLLED COMPACTED FILL. THIS MATERIAL AND MATERIALS DISTURBED AND LOOSEEN DURING EXCAVATION AND REMOVAL OF THE EXISTING BUILDING SHOULD BE PLACED IN UNIFORM LOOSE LIFTS NOT EXCEEDING 8 INCHES IN THICKNESS, AND COMPACTED TO 95% OF THE DRY UNIT WEIGHT OBTAINED IN ACCORDANCE WITH ASTM TEST DESIGNATION 1557-91.
4. NON-STRUCTURAL BACKFILL BEHIND WALLS SHOULD BE FREE DRAINING MATERIAL PLACED IN UNIFORM LOOSE LIFTS NOT EXCEEDING 12 INCHES IN THICKNESS AND COMPACTED TO 95% OF THE DRY UNIT WEIGHT OBTAINED IN ACCORDANCE WITH ASTM TEST DESIGNATION 1557-91.
5. ALL UNDERPINNING, SHEETING, SHORING OR OTHER CONSTRUCTION REQUIRED FOR THE SUPPORT OF ADJACENT PROPERTIES, BUILDINGS, SIDEWALKS, UTILITIES, ETC., SHALL BE SUBJECT TO CONTROLLED INSPECTION AS REQUIRED BY THE CODE. THE CONTRACTOR SHALL RETAIN A LICENSED PROFESSIONAL ENGINEER ACCEPTABLE TO THE ENGINEER OF RECORD TO PROVIDE THE NECESSARY DESIGN AND THE REQUIRED INSPECTION. THE CONTRACTOR'S PROFESSIONAL ENGINEER SHALL PREPARE AND FILE THE REQUIRED FORMS FOR THE WORK WITH THE BUILDING DEPARTMENT AND THE TRANSIT AUTHORITY.
6. FOR UNDERPINING, LATERAL STABILITY AND OTHER PERTINENT GEOTECHNICAL ITEMS, THE CONTRACTOR SHALL REFER TO THE GEOTECHNICAL REPORT AND BORINGS DRAWINGS.

CONCRETE AND STEEL REINFORCEMENT

- 1. NO CONCRETE FOOTING, FOUNDATION PIER, OR FOUNDATION WALL SHALL BE POURED UNTIL SUBGRADE FOR SAME HAS BEEN APPROVED BY A LICENSED PROFESSIONAL ENGINEER.
2. ALL CONCRETE SHALL BE NORMAL WEIGHT CONTROLLED CONCRETE, U.O.N, AND COMPLY WITH A.C.I. BUILDING CODE AND THE CURRENT NEW YORK CITY BUILDING CODE.
3. CONCRETE STRENGTH SHALL BE AS FOLLOWS, UNLESS OTHERWISE NOTED:
-FOOTINGS 4000 PSI
-BUTTRESSES AND FOUNDATION WALLS 4000 PSI
-COLUMN PIERS 4000 PSI
-FOOTING SEALERS 3000 PSI
-SLAB ON GROUND 3500 PSI
4. ALL STEEL REINFORCEMENT SHALL HAVE AN ULTIMATE TENSILE STRENGTH OF 90,000 PSI AS PER A.S.T.M. A615-83 GRADE 60. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL THE NECESSARY CHAIRS, REBARS, TIES, SPACERS, ETC., TO SECURE AND SUPPORT THE REINFORCING WHILE PLACING THE CONCRETE. ALL BARS MARKED CONTINUOUS, SHALL BE LAPPED IN ACCORDANCE WITH TYP. REINF. TABLES AT SPLICES AND CORNERS EXCEPT AS OTHERWISE SHOWN ON PLANS LAP CONTINUOUS TOP BARS AT CENTER BETWEEN SUPPORTS AND BOTTOM BARS AT SUPPORT. HOOK TOP BARS AT DISCONTINUOUS ENDS.
5. VERTICAL CONSTRUCTION JOINTS IN ALL WALLS SHALL BE USED ONLY IF UNAVOIDABLE, OR UNLESS OTHERWISE NOTED, AND TO BE LOCATED AT LEAST 4'-0" FROM ANY SUPPORTING COLUMN OR WALL OPENING. DISTANCE BETWEEN JOINTS IN WALL SHALL BE ALLOWED AS PER SPECIFICATIONS. NO HORIZONTAL CONSTRUCTION JOINTS WILL BE ALLOWED IN GRADE BEAMS.
6. IN NO CASE SHALL TRUCKS, BULLDOZERS, OR OTHER HEAVY EQUIPMENT BE PERMITTED CLOSER THAN 8'-0" FROM ANY FOUNDATION WALL UNLESS APPROVED BY THE ENGINEER.
7. TEMPORARY BRACING SHALL BE PROVIDED FOR ALL BUTTRESSES. WHERE BUTTRESSES DO NOT EXIST OR SPACING BETWEEN BUTTRESSES EXCEED 25 FEET, AND WHERE THE DIFFERENCE IN LEVEL BETWEEN INSIDE AND OUTSIDE GRADE IS MORE THAN 4'-0", INTERMEDIATE BRACING SHALL BE PROVIDED. WHERE RAMPS OCCUR, THE GRADE ELEVATION OUTSIDE OF RAMP WALLS SHALL BE USED IN FIGURING THE DIFFERENCE IN LEVEL. CORNER BUTTRESSES NEED NOT BE BRACED. NO BACKFILLING IS TO BE DONE BEFORE ALL SLABS BRACING WALLS ARE IN PLACE UNLESS APPROVED BY THE ENGINEER.
8. CONTRACTOR TO INSTALL ALL PIPE SLEEVES, BOXED OPENINGS, ANCHOR BOLTS, ETC., AS REQUIRED FOR THE VARIOUS TRADES. WALL POCKETS TO RECEIVE BEAMS AND SLABS SHALL BE PROVIDED AS REQUIRED FOR THE SUPERSTRUCTURE. SHOP DRAWINGS SHOWING THE POSITION OF OPENINGS SHALL BE SUBMITTED TO THE STRUCTURAL ENGINEER PRIOR TO PLACING CONCRETE.
9. MINIMUM COVER FOR REINFORCING STEEL SHALL BE 3/4" FOR INTERIOR SLABS AND INTERIOR WALL SURFACES; 1 1/2" FOR BEAMS, GIRDERS, AND COLUMNS (TIES, STIRRUPS OR PRIMARY REINFORCEMENT). FOR ALL CONCRETE EXPOSED TO WEATHER AND EARTH FILL, COVER SHALL BE 2" (1 1/2" FOR STIRRUPS). FOR CONCRETE PLACED AGAINST EARTH, MINIMUM COVER SHALL BE 3".
10. ALL SLABS ON GROUND (AREAWAYS, RAMPS, ETC., INCLUSIVE) SHALL BE 6" THICK, U.O.N, REINF. WITH WELDED WIRE FABRIC 6 6 - 1/2.9 X 1/2.9, U.O.N. ON SF-100, MINIMUM YIELD STRENGTH 70,000 PSI, PLACED 1" BELOW TOP OF SLAB.
11. ALL SLABS ON GROUND, U.O.N, TO BE POURED OVER A 8" POROUS FILL BED THAT CONTAINS 20 MIL POLYETHYLENE FILM 3" BELOW THE TOP OF FILL BED. THE SLABS SHALL BE PLACED IN ALTERNATE PANELS NOT EXCEEDING 1,200 SQ. FT. BETWEEN KEYED CONSTRUCTION JOINTS, BUT NO DIMENSION OF THE PANEL IS TO EXCEED 40 FEET.
12. FOR PIER SIZES SEE STRUCTURAL DRAWINGS. WHERE PIER IS REQUIRED BUT NOT SHOWN ON PLANS THE SIZE OF THE PIER SHOULD BE 4" LARGER ON EACH SIDE THAN THE COLUMN BASE PLATE ABOVE WITH A MINIMUM PIER SIZE OF 24" X 24". MIN. REINF. SHALL BE 8-#9 VERT. 1/4#4@12 TIES.
13. WHERE A PIER IS INDICATED ON THE FOUNDATION PLAN BUT ELIMINATED IN THE FIELD (GOOD MATERIAL HIGHER THAN ASSUMED) THE ENGINEER SHALL BE NOTIFIED AS DEPTH OF FOOTING MAY NEED TO BE INCREASED.
14. THE CONTRACTOR MUST SUBMIT REINFORCING SHOP DRAWINGS SIGNED AND SEALED BY A N.Y.P.E. TO THE STRUCTURAL ENGINEER FOR REVIEW. NO CONSTRUCTION IS TO BE STARTED UNTIL THE SHOP DRAWINGS ARE REVIEWED BY THE STRUCTURAL ENGINEER OF RECORD.
15. THE STRUCTURAL ENGINEER OR HIS QUALIFIED FIELD REPRESENTATIVE MUST CHECK AND APPROVE ALL STEEL REINFORCING PRIOR TO CONCRETE PLACEMENT.
CODES AND TESTS
16. THIS STRUCTURE HAS BEEN DESIGNED UNDER THE PROVISIONS OF THE NEW YORK STATE BUILDING CODE AS AMENDED AND

A.C.I. 318 (LATEST EDITION).

- 17. ALL CONTROLLED CONCRETE SHALL COMPLY WITH APPLICABLE PROVISIONS OF THE NEW YORK CITY BUILDING CODE AND THE A.C.I. 318 BUILDING CODE (LATEST EDITION). APPLICATION FOR CONTROLLED CONCRETE WITH CONCRETE TESTS AND CURVES OF TESTS FOR THE PRELIMINARY DESIGN MIX PREPARED BY AN APPROVED LABORATORY MUST BE SUBMITTED TO THE ENGINEER FOR FILING WITH THE BUILDING DEPARTMENT. NO CONCRETE SHALL BE PLACED WITHOUT THE DESIGN MIX BEING APPROVED BY THE BUILDING DEPARTMENT.
18. DESIGN AND CONSTRUCTION OF FORMWORK IS TO COMPLY WITH THE A.C.I. 318 BUILDING CODE (LATEST EDITION) AND NEW YORK STATE BUILDING CODE AS AMENDED.

SCORE: 1618

Table with 3 columns: CONTROLLED/SPECIAL INSPECTIONS, CODE/ SECTION, REPORTS REQ'D. Rows include FIRE RESISTANT PENETRATIONS AND JOINTS, FIRE RESISTANCE RATED CONSTRUCTION, STRUCTURAL STEEL - WELDING, STRUCTURAL STEEL - DETAILS, STRUCTURAL STEEL - HIGH STRENGTH BOLTING, STRUCTURAL STABILITY - EXISTING BUILDINGS, MASONRY, FINAL INSPECTION.

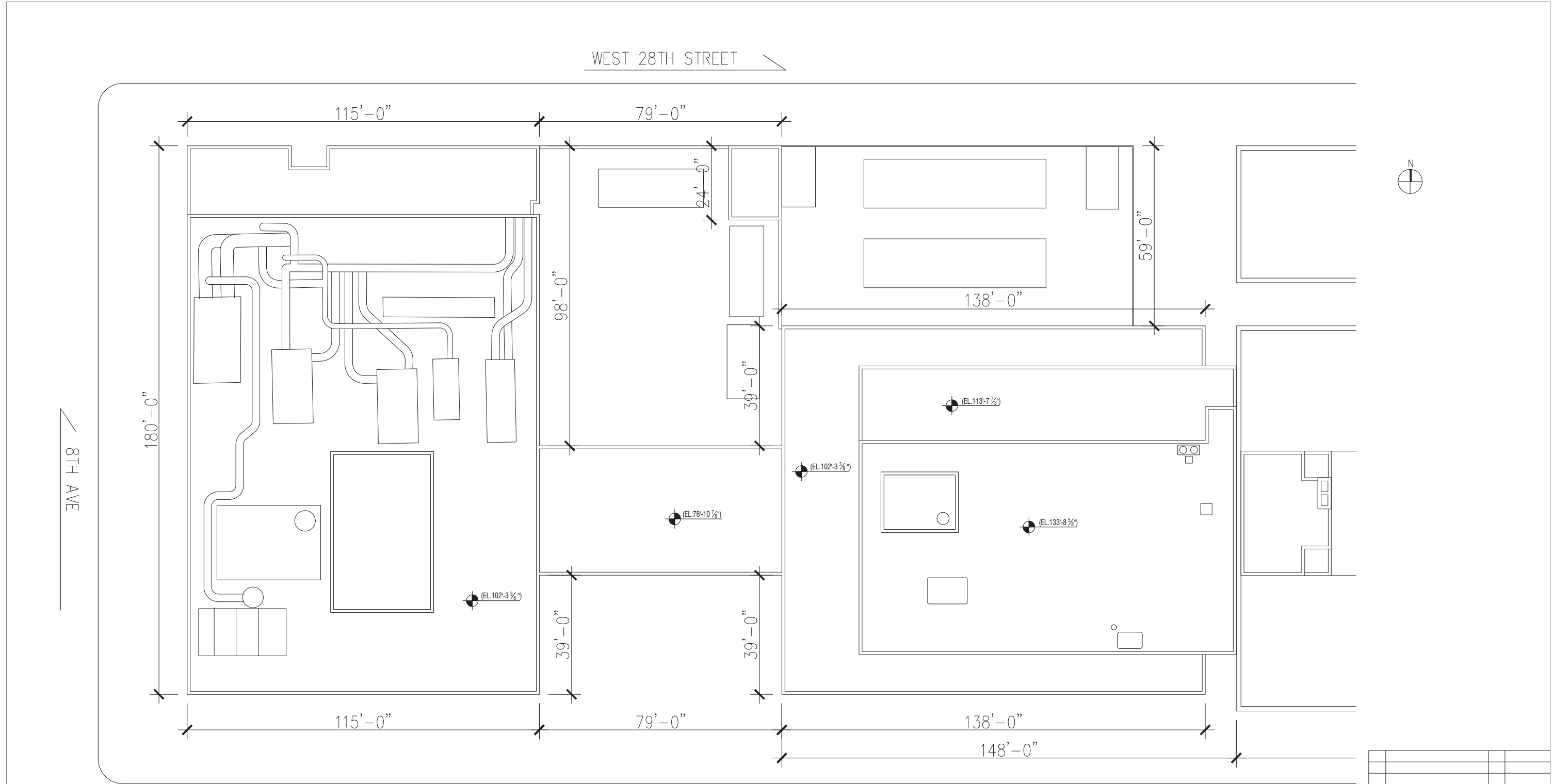
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Table with 2 columns: OWNER/BID, 3 02.23.2024. Row with Rev. To, Issued, City, Date.

Table with 2 columns: ENGINEER (MALCOLM GRAFF, P.E., DAVID REYHAN, P.E.), ARCHITECTS (DARUS TORABY ARCHITECTS, P.C., 242 WEST 27TH STREET, 5TH BB, NEW YORK, NY 10001; TEL: (212) 242-2955). Includes stamp A10000 and text: DWG BY: AG, SCALE: AS NOTED, PAGE 2 OF 10.

STRUCTURAL NOTES

271 WEST 27TH ST NEW YORK NY



WEST 28TH STREET

8TH AVE

WEST 27TH STREET

1 ROOF PLAN
A-100 SCALE: NTS



Rev.	To	Qty.	Date
			02.23.2024

ISSUE	
ROOF PLAN	
271 WEST 27TH ST NEW YORK NY	
ENGINEER	ARCHITECTS
MALCOLM GRAFF, P.E. DAVID REYHAN, P.E.	DARIUS TORABY ARCHITECTS, P.C. 242 WEST 27TH STREET, STE 5B NEW YORK, NY 10001; TEL: (212) 242-2955
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PAGE 3 OF 10	

FACADE REPAIRS

Pomerantz Center & Haft Theater FIT

300 7TH AVE, NY, 10001

GENERAL NOTES

- WHERE NEW WORK IS REQUIRED AND IT CONFLICTS WITH EXISTING STRUCTURAL, MECHANICAL OR CODE LIMITATIONS, THE CONTRACTOR, BUILDER, OR THOSE IN RELEVANT OR CONTINGENT TRADES SHALL INFORM THE OWNER AND ARCHITECT OF SUCH, PRIOR TO PROCEEDING WITH SUCH WORK.
- NO WORK OF ANY TRADE IS TO BE CARRIED OUT IN THE EVENT OF CONFLICT OF INFORMATION. CLARIFICATION OF THIS NATURE ARE TO BE MADE BY THE ARCHITECT OR OWNER.
- ALL WORK IS TO BE CARRIED OUT IN COMPLIANCE WITH APPLICABLE LOCAL CODE REQUIREMENTS AND ANY AGENCIES HAVING JURISDICTION, AS WELL AS ALL MANAGEMENT REGULATIONS.
- ALL WORK SHALL BE DONE IN A FIRST CLASS WORKMAN-LIKE MANNER AND FABRICATED WITH FIRST CLASS MATERIALS. CONTRACTOR SHALL SUBMIT THE PROPOSED WORK SCHEDULE WITH HIS LUMP SUM BID THAT WILL NOT BE CHANGED EXCEPT WITH THE APPROVAL OF THE OWNER AND ARCHITECT.
- EXISTING PROPERTY AND NEW WORK IS TO BE PROPERLY PROTECTED AGAINST DAMAGES UNTIL THE COMPLETION OF THE JOB, AT WHICH TIME IT SHALL BE LEFT BROOM CLEAN.
- AT DEMOLISHED OR CHOPPED AWAY LOCATIONS, PATCHING SHALL BE DONE WITH LIKE MATERIALS OR AS SPECIFIED.
- THE SUBCONTRACTORS' WORK UNDER THE BUILDER (GENERAL CONTRACTOR) SHALL BE FULLY COORDINATED SO AS TO AVOID UNNECESSARY DEMOLITION OR CONFLICT OF WORK SEQUENCE OF VARIOUS TRADES AND WORKMEN.
- THE CONTRACTOR SHALL FILE CERTIFICATES OF WORKMENS COMPENSATION, COMPREHENSIVE AUTO LIABILITY, COMPREHENSIVE GENERAL LIABILITY, AND EMPLOYER'S LIABILITY INSURANCES WITH THE OWNER AND ARCHITECT. THE CONTRACTOR IS ALSO TO OBTAIN PERMITS AND PAY ALL FEES REQUIRED BY VENTENOR DEPARTMENT OF BUILDINGS AND ANY OTHER AUTHORITIES HAVING JURISDICTION.
- THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO INSURE THE SAFETY OF THE PUBLIC, WORKMEN, VEHICLES, EXISTING STRUCTURES AND OCCUPANTS OF THE BUILDING.
- A LICENSED ELECTRICIAN SHALL PERFORM ANY AND ALL ELECTRICAL WORK IN ACCORDANCE WITH NATIONAL ELECTRICAL CODE AND NBFU CODE. PRIOR TO FINAL PAYMENT TO THE BUILDER, A COMPLETION CERTIFICATE SHALL BE ISSUED TO THE OWNER.
- ANY AND ALL PLUMBING WORK SHALL BE PERFORMED BY A LICENSED PLUMBER WHO IS RESPONSIBLE FOR FILING ALL WORK THAT IS TO BE PERFORMED.
- CONTRACTORS SHALL INDEMNIFY AND HOLD HARMLESS THE OWNER, AND THE ARCHITECT AGAINST ALL EXPENSES AND ATTORNEY'S FEES AND ANY LAWSUITS OR ACTIONS ARISING IN WHOLE OR IN PART FROM ANY ACT OR COMMISSION BY THE CONTRACTOR, OF THE SUBCONTRACTOR OR ANYONE DIRECTLY OR INDIRECTLY EMPLOYED BY THE OWNER.
- REFER TO THE PROJECT MANUAL'S SECTION FOR ADDITIONAL NOTES AND CONDITIONS. THE SUBMISSION OF THE CONTRACTOR'S BID IMPLIES THAT ALL DRAWINGS, SPECIFICATIONS, AND NOTES HAVE BEEN READ, UNDERSTOOD AND INCORPORATED AS PART OF THE BID AMOUNT WITH ALL ITS PREREQUISITES AND TERMS. ALL STRUCTURAL WORK SHALL CONFORM TO THE REQUIREMENT OF THE STRUCTURAL ENGINEER AND BUILDING CODE REQUIREMENT

TENANT PROTECTION PLAN

ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE NEW JERSEY BUILDING CODE AND WITH ALL REGULATIONS OF ANY OTHER AGENCY HAVING JURISDICTION.

OCCUPANCY: NO ONE SHALL OCCUPY THE SPACE DURING CONSTRUCTION.

EGRESS: ALL EXISTING MEANS OF EGRESS FROM THE BUILDING SHALL BE MAINTAINED CLEAR AND FREE OF ALL OBSTRUCTIONS, SUCH AS BUILDING MATERIALS, TOOLS, ETC.

FIRE SAFETY: THE INTEGRITY OF ALL EXISTING FIREPROOFING SHALL BE MAINTAINED.

ALL FLAMMABLE MATERIALS SHALL BE KEPT TIGHTLY SEALED IN THEIR RESPECTIVE MANUFACTURER'S CONTAINERS. SUCH MATERIALS SHALL BE KEPT AWAY FROM HEAT AND SHALL BE USED AND STORED IN AN ADEQUATELY VENTILATED SPACE.

ALL ELECTRICAL POWER IN THE CONSTRUCTION AREA SHALL BE SHUT-OFF AFTER WORKING HOURS.

THE CONTRACTOR SHALL MAKE SURE THERE IS NO LEAKAGE OF ANY FLAMMABLE GAS USED IN CONSTRUCTION.

ALL BUILDING MATERIALS STORED AT THE CONSTRUCTION AREA, AND/OR IN ANY AREA OF THE BUILDING, ARE TO BE SECURED IN A LOCKED AREA. ACCESS TO SUCH AREAS SHALL BE CONTROLLED BY OWNER AND/OR GENERAL CONTRACTOR.

HEALTH REQUIREMENT CONSTRUCTION OPERATIONS SHALL NOT INVOLVE INTERRUPTION OF HEATING, WATER OR ELECTRICAL SERVICES TO OTHER TENANTS OF THE BUILDING WITHOUT PRIOR NOTICE.

DUST CONTROL: DEBRIS, DUST AND DIRT SHALL BE KEPT TO A MINIMUM AND BE CONFINED TO THE IMMEDIATE CONSTRUCTION AREA AND SHALL BE CLEARED FROM THE BUILDING PERIODICALLY TO AVOID EXCESSIVE ACCUMULATION.

CONTRACTOR SHALL ISOLATE THE CONSTRUCTION AREA FROM OCCUPIED BUILDING AREAS BY MEANS OF TEMPORARY PARTITIONS OR HEAVY DROP CLOTHS.

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- MINIMUM 8' HIGH CLEARANCE AT SIDEWALKS, WATERPROOF PLANKING DECK AND 4' PARAPETS.
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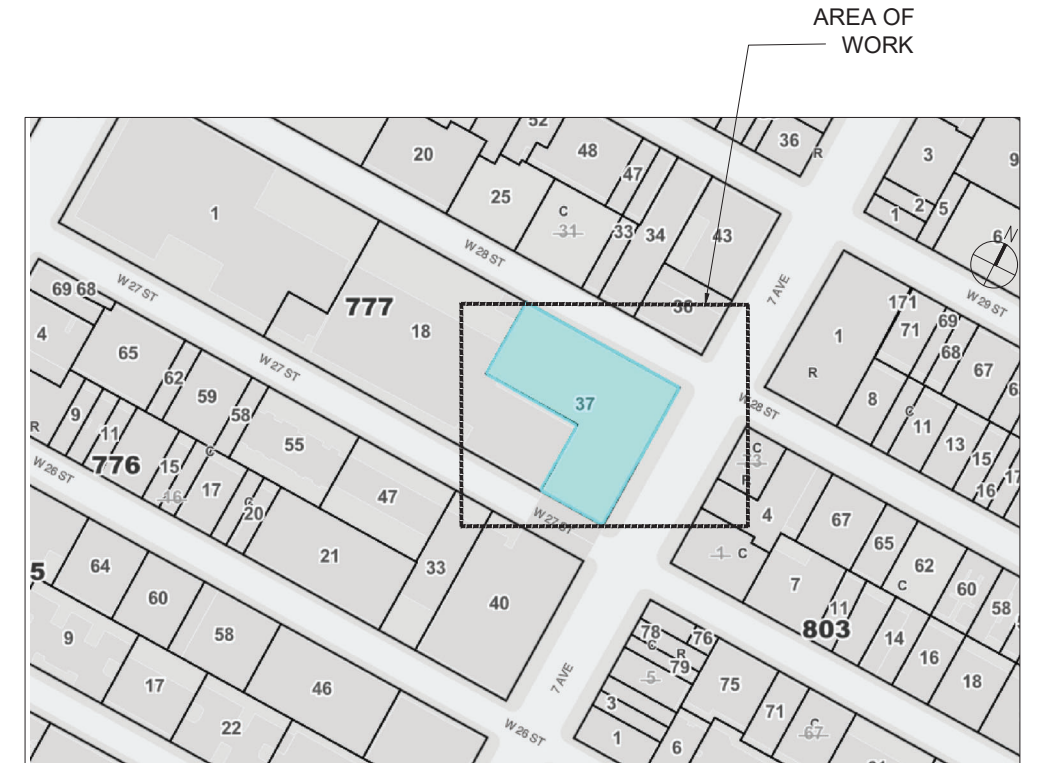
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ADDRESS: 300 7TH AVE NY 10001
 BLOCK: 777
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 ZONING MAP # C6-2
 C.OCCUPANCY:

NOTE:

PROTECTIVE SIDEWALK BRIDGING BY OTHERS UNDER SEPARATE APPLICATION



PLOT PLAN
NTS

Rev. To		Qty.	Date
ISSUE			
COVER SHEET			
300 7TH AVE NEW YORK NY			
ENGINEER	ARCHITECTS		
MALCOLM GRAFF, P.E. ALAN JARNET, P.E. DAVID REYHAN, P.E.	DARIUS TORABY ARCHITECTS, P.C. 242 WEST 27TH STREET, STE 5B NEW YORK, NY 10001; TEL: (212) 242-2955		
DWG BY: SY	SCALE: AS NOTED	T-000.00 PAGE 1 OF 11	



1 NORTH ELEVATION
A-104 SCALE=NTS

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DWG BY: SY	SCALE: AS NOTED	PAGE 7 OF 11	

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