

CONTRACT NO. 21-540
DIVISION 1 – GENERAL REQUIREMENTS

SECTION 011000 – DESCRIPTION OF WORK

PART 1 – GENERAL

1.1 GENERAL PROJECT DESCRIPTION

- A. The scope of work of this project generally consists of the provision of all labor, material and equipment to perform Roof Replacement at the Executive High Rise Roof, Central Maintenance Facility 475 Saw Mill River Road Yonkers, New York and all related work as depicted on the accompanying Contract Drawings and the Technical Specifications.
- B. Bids shall be received in accordance with the New York State Public Bidding Laws, this project will be executed under a SINGLE-PRIME CONTRACT as defined in the General Requirements.
- C. Existing conditions are shown on the drawings to the best knowledge of the Architect. The Architect, however, cannot guarantee the correctness of the existing conditions shown and assumes no responsibility therefore. It shall be the responsibility of the Contractor to visit the site and verify all existing conditions.

1.2 REQUIREMENTS INCLUDED

- A. Construction time and phasing requirements.
- B. Proof of orders and delivery dates
- C. Intent of Documents
- D. Field Measurements
- E. Initial Submittal Requirements
- F. Design Responsibility
- G. Additional Requirements
- H. Mold and Dust Mitigation Requirements
- I. Waste Management

1.3 ASBESTOS AND LEAD PAINT AWARENESS REQUIREMENTS

- A. Contractor agrees not to use or permit the use of any asbestos containing material in or on any property belonging to the Owner.
- B. For purposes of this requirement, asbestos free shall mean free from all forms of asbestos including -actinolite, amosite, anthrophyllite, chrysotile, cricidolite and tremolite both in friable and non-friable states and without regard to the purposes for which such material is used.

1.4 CONSTRUCTION TIME AND PHASING REQUIREMENTS

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- A. The Contractor is advised the "time is of the essence" of the Contract. It is understood that the work is to be carried through to completion with the utmost speed consistent with good workmanship. Safe and legal ingress and egress shall be maintained at all times to and through the occupied portions of the construction site.
- B. Storage areas shall be completely enclosed by a fence or barricade at all times so that no staff or the public can approach the area or the equipment. Coordinate with Section 01 15 00. The Contractor shall maintain fences and barricades at all appropriate areas and at all times and shall:
 - 1. Provide signs posted on fence 20 feet on center that read "Work Area- Keep Out"
 - 2. Maintain at all times, all exits, roadways and walkways from the Building.

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

1.5 PROOF OF ORDERS AND DELIVERY DATES -Coordinate w/Section 01 33 00 and 01 32 00

- A. Within 2 weeks after the approval of shop drawings, samples, product data and the like, the Contractor shall provide copies of purchase orders for all equipment and materials which are not available in local stock. The Contractor shall submit written statements from suppliers confirming the orders and stating promised delivery dates.
- B. This information shall be incorporated within the progress schedules so required as part of Section 01 32 00 and shall be monitored so as to insure compliance with promised dates.

1.6 INTENT OF DOCUMENTS -**Regardless of hierarchy listed in reference paragraph, in cases of conflict as to the type or quality of materials to be supplied, the Specifications shall govern.**

1.7 FIELD MEASURE

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

1.8 INITIAL SUBMITTAL REQUIREMENT

- A. Contractor shall provide items noted including - bonds, insurance, emergency telephone numbers, progress scheduling, schedules of submittals, subcontractor listings, and the like prior to the start of any work.
- B. Schedule of Values
 - 1. Submit schedule on AIA Form G703
 - 2. Submit Schedule of Values in duplicate within 15 days after date of Owner-Contractor Agreement or as established in Notice to Proceed, whichever is earliest.
- C. Payment Requisitions
 - 1. Submit 1 copy of each application on AIA Form G702 and G703 AND 1 copy on County Voucher Format (format will be provided to GC).
 - 2. Content and Format: Utilize Schedule of Values for listing items in Application for Payment.

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3. Payment Period: Monthly.

1.9 SCHEDULES

A. General

1. The objective of this project is to complete the work in the shortest period of time and to protect the building and occupants from damages caused by construction activity during the progress of the work.
2. To meet these objectives, the Contractor shall plan the work, obtain materials, and equipment (not limited to hoists, scaffolding, lifts, etc.), and execute the construction on the most expeditious manner possible and in accordance with the requirements listed below.
3. If the Contractor fails to expedite and pursue any part of the work, the Owner may terminate the contract or may carry out the work as per applicable Article in the General Conditions.
4. The Contractor shall work in coordination with work of other Contractors and with activities with special attention to noise, dust, safety and other contract requirements for work in and around the occupied building.

B. Work Periods and Milestones

Submittals – Post Bid and Technical	Within seven (7) days of receipt of Notice to Proceed or Award
Construction Start	Within 15 days after receipt of Notice to Proceed (NTP)
Substantial Completion	90 days from NTP

1.10 ADDITIONAL WORK

- A. If it appears that some of the work cannot be completed by the scheduled date, the Contractor shall increase the work force or increase the hours of work, including evenings and weekends or necessary, at no additional cost to the Owner. If the work is complete but the area is not cleaned and debris or equipment is not removed, the Owner shall have the right to prepare the area for occupancy with his own forces and deduct the costs from the Contract Amount.
- B. If the Contractor fails to staff the job adequately to meet the completion date, the Owner reserves the right to assume possession of the material and complete installation with the Owner's forces or other Contractors or to require the Contractor to work evenings and weekends.
- C. The Contractor is responsible for temporary protection of all work until acceptance.

1.11 MOLD AND DUST MITIGATION REQUIREMENTS

1. Should the buildings' HVAC systems be in operation during construction, Contractor shall install HEPA or other appropriate filters on air intake louvers to prevent dust and

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fume intake into the system and to prevent spreading dust to adjacent offices and/or public.

2. Contractor shall install appropriate netting, tarps, polyethylene sheets or the like, as required to catch debris from demo operations and to prevent spreading dust.

1.12 WASTE MANAGEMENT PROCEDURES AND DEFINITIONS

A. Waste Management Coordination: Coordinate recycling of materials with Owner and as required to conform to the Construction Waste Management Plan defined in Section 01 74 19.

B. Contractor shall conduct Construction Waste Management meetings. At a minimum, waste management goals and issues shall be discussed at the following meetings:

1. Pre-bid meeting
2. Pre-construction meeting
3. Regular job-site meetings
4. Job safety meetings

C. Waste Management Definitions

1. Clean: Untreated and unpainted; not contaminated with oils, solvents, caulk, or the like
2. Construction and Demolition Waste: Solid wastes typically including building materials, packaging, trash, debris, and rubble resulting from construction, remodeling, repair and demolition operations
3. Hazardous: Exhibiting the characteristics of hazardous substances, i.e., ignitability, corrosivity, toxicity or reactivity
4. Non hazardous: Exhibiting none of the characteristics of hazardous substances, i.e., ignitability, corrosivity, toxicity, or reactivity
5. Nontoxic: Neither immediately poisonous to humans nor poisonous after a long period of exposure
6. Recyclable: The ability of a product or material to be recovered at the end of its life cycle and remanufactured into a new product for reuse by others
7. Recycle: To remove a waste material from the Project site to another site for remanufacture into a new product for reuse by others
8. Recycling: The process of sorting, cleansing, treating and reconstituting solid waste and other discarded materials for the purpose of using the altered form. Recycling does not include burning, incinerating, or thermally destroying waste
9. Return: To give back reusable items or unused products to vendors for credit
10. Reuse: To reuse a construction waste material in some manner on the Project site
11. Salvage: To remove a waste material from the Project site to another site for resale or reuse by others
12. Sediment: Soil and other debris that has been eroded and transported by storm or well production run-off water
13. Source Separation: The act of keeping different types of waste materials separate beginning from the first time they become waste

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14. Toxic: Poisonous to humans either immediately or after a long period of exposure
15. Trash: Any product or material unable to be reused, returned, recycled, or salvaged
16. Volatile Organic Compounds (VOCs): Chemical compounds common in and emitted by many building products over time throughout gassing including -solvents in paints and other coatings; wood preservatives; strippers and household cleaners; adhesives in particleboard, fiberboard, and some plywoods; and foam insulation.
17. Waste: Extra material or material that has reached the end of its useful life in its intended use. Waste includes salvageable, returnable, recyclable, and reusable material
18. Waste Management Plan: A Project-related plan for the collection, transportation, and disposal of the waste generated at the construction site. The purpose of the plan is to ultimately reduce the amount of material being landfilled.

END OF SECTION