

SECTION 020700 – SELECTIVE DEMOLITION

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including Information for Bidders, General Clauses and Special Clauses, apply to this Section.
- B. Provide all material, labor, equipment and operations required or reasonably implied to complete demolition and removal work or alterations and restoration work in accordance with drawings and specifications herein.

1.2 SUMMARY

- A. This Section includes the following:
 - 1. Roofing removal.
 - 2. Parapet coping removal.
 - 3. Other demolition, removal and disposal as shown on the contract drawings.
 - 4. Patching and repairs.

1.3 WORK OF THIS SECTION

Removals:

- 1. Perform demolition of items as specified and in areas indicated in the drawings.
- 2. All cutting, patching and repairing in connection with the contract work shall be performed in such a manner that the finished work will be structurally sound and unmarred as though no cutting, patching and repairing had been executed.
- 3. All other work incidental thereto and reasonably inferable as needed to make the work of this Section complete.

1.3 GENERAL REQUIREMENTS

- 1. The premises shall be accepted as found at the start of demolition.
- 2. No construction (e.g. chutes, elevators, etc.) will be permitted on the exterior of the building or structures adjacent thereto unless approved by the Owner.
- 3. The Contractor shall refer to the applicable Special Clauses, e.g. Cutting and Patching, Protection and Clean-up, and Removal of Debris.

1.5 DEFINITIONS

- A. Remove: Remove and legally dispose of items except those indicated to be reinstalled, salvaged, or to remain the Owner's property.
- B. Remove and Salvage: Items indicated to be removed and salvaged remain the Owner's property. Remove, clean, and pack or crate items to protect against damage. Identify

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contents of containers and deliver to Owner's designated storage area-as applicable.

- C. Existing to Remain: Protect construction indicated to remain against damage and soiling during selective demolition. When permitted by the Architect, items may be removed to a suitable, protected storage location during selective demolition and then cleaned and reinstalled in their original locations.

1.6 MATERIALS OWNERSHIP

- A. Except for items or materials indicated to be reused, salvaged, reinstalled, or otherwise indicated to remain the Owner's property, demolished materials shall become the Contractor's property and shall be removed from the site with further disposition at the Contractor's option.

1.7 SUBMITTALS

- A. General: Submit each item in this Article according to the Conditions of the Contract.
- B. Proposed dust-control measures.
- C. Proposed noise-control measures.

1.8 QUALITY ASSURANCE

- A. Demolition Firm Qualifications: Engage an experienced firm that has successfully completed selective demolition Work similar to that indicated for this Project.
- B. Regulatory Requirements: Comply with governing EPA notification regulations before starting selective demolition. Comply with hauling and disposal regulations of authorities having jurisdiction.

1.9 PROJECT CONDITIONS

- A. Owner will occupy portions of the building immediately adjacent to selective demolition area. Conduct selective demolition so that Owner's operations will not be disrupted. Provide not less than 72 hours' notice to Owner of activities that will affect Owner's operations.
- B. Storage or sale of removed items or materials on-site will not be permitted.

1.10 SCHEDULING

- A. Arrange selective demolition schedule so as not to interfere with Owner's on-site operations.

PART 3 - EXECUTION

3.1 PREPARATION

- A. Conduct demolition operations to prevent injury to people and damage to adjacent

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buildings and facilities to remain. Ensure safe passage of people around selective demolition area.

1. Provide temporary weather protection, during interval between demolition and removal of existing construction, on exterior surfaces and new construction to ensure that no water leakage or damage occurs to structure or interior areas.
2. Protect walls, ceilings, floors, and other existing finish work that are to remain and are exposed during selective demolition operations.

3.2 POLLUTION CONTROLS

- A. Use water mist, temporary enclosures, and other suitable methods to limit the spread of dust and dirt. Comply with governing environmental protection regulations.
 1. Do not use water when it may damage existing construction or create hazardous or objectionable conditions, such as ice, flooding, and pollution.
- B. Clean adjacent structures and improvements of dust, dirt, and debris caused by selective demolition operations. Return adjacent areas to condition existing before start of selective demolition.

3.3 PATCHING AND REPAIRS

- A. Promptly patch and repair holes and damaged surfaces caused to adjacent construction by selective demolition operations.
 - B. Where repairs to existing surfaces are required, patch to produce surfaces suitable for new materials.
 1. Completely fill holes and depressions in existing masonry walls to remain with an approved masonry patching material, applied according to manufacturer's printed recommendations.
 - C. Restore exposed finishes of patched areas and extend finish restoration into adjoining construction to remain in a manner that eliminates evidence of patching and refinishing.
 - D. GC is responsible for coordination with other crafts.
- C. DISPOSAL OF DEMOLISHED MATERIALS
- D. General: Promptly dispose of demolished materials. Do not allow demolished materials to accumulate on-site.
 - E. Burning: Do not burn demolished materials.
 - F. Disposal: Transport demolished materials off Owner's property and legally dispose of them.

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3.5 CLEANING

- A. Sweep the roof broom clean on completion of selective demolition operation.

END OF SECTION 020700