

## SECTION 024119 - SELECTIVE STRUCTURE DEMOLITION

### PART 1 - GENERAL

#### 1.1 SUMMARY

##### A. Section Includes:

1. Demolition and removal of selected portions of building or structure.
2. Salvage of existing items to be reused or recycled.

#### 1.2 DEFINITIONS

- A. Remove: Detach items from existing construction and legally dispose of them off-site unless indicated to be removed and salvaged or removed and reinstalled.
- B. Remove and Salvage: Carefully detach from existing construction, in a manner to prevent damage, and deliver to Owner ready for reuse.
- C. Remove and Reinstall: Detach items from existing construction, prepare for reuse, and reinstall where indicated.
- D. Existing to Remain: Existing items of construction that are not to be permanently removed and that are not otherwise indicated to be removed, removed and salvaged, or removed and reinstalled.

#### 1.3 CLOSEOUT SUBMITTALS

- A. Landfill Records: Indicate receipt and acceptance of hazardous wastes by a landfill facility licensed to accept hazardous wastes.

#### 1.4 FIELD CONDITIONS

- A. Owner will occupy portions of building immediately adjacent to selective demolition area. Conduct selective demolition so Owner's operations will not be disrupted.
- B. Conditions existing at time of inspection for bidding purpose will be maintained by Owner as far as practical.
  1. Before selective demolition, Owner will remove the following items:
    - a. Furniture and loose equipment.

- C. Notify Architect of discrepancies between existing conditions and Drawings before proceeding with selective demolition.
- D. Hazardous Materials: Hazardous materials are present in buildings and structures to be selectively demolished. Examine report to become aware of locations where hazardous materials are present.
  - 1. Hazardous material remediation is specified elsewhere in the Contract Documents.
  - 2. Do not disturb hazardous materials or items suspected of containing hazardous materials except under procedures specified elsewhere in the Contract Documents.
- E. Storage or sale of removed items or materials on-site is not permitted.
- F. Utility Service: Maintain existing utilities indicated to remain in service and protect them against damage during selective demolition operations.
  - 1. Maintain fire-protection facilities in service during selective demolition operations.

## PART 2 - PRODUCTS

### 2.1 PERFORMANCE REQUIREMENTS

- A. Regulatory Requirements: Comply with governing EPA notification regulations before beginning selective demolition. Comply with hauling and disposal regulations of authorities having jurisdiction.
- B. Standards: Comply with ANSI/ASSE A10.6 and NFPA 241.

## PART 3 - EXECUTION

### 3.1 EXAMINATION

- A. Verify that utilities have been disconnected and capped before starting selective demolition operations.
- B. Survey existing conditions and correlate with requirements indicated to determine extent of selective demolition required.
- C. When unanticipated mechanical, electrical, or structural elements that conflict with intended function or design are encountered, investigate and measure the nature and extent of conflict. Promptly submit a written report to Architect.

### 3.2 UTILITY SERVICES AND MECHANICAL/ELECTRICAL SYSTEMS

- A. Existing Services/Systems to Remain: Maintain services/systems indicated to remain and protect them against damage.

### 3.3 PREPARATION

- A. Site Access and Temporary Controls: Conduct selective demolition and debris-removal operations to ensure minimum interference with roads, streets, walks, walkways, and other adjacent occupied and used facilities.

### 3.4 SELECTIVE DEMOLITION, GENERAL

- A. General: Demolish and remove existing construction only to the extent required by new construction and as indicated. Use methods required to complete the Work within limitations of governing regulations and as follows:

1. Neatly cut openings and holes plumb, square, and true to dimensions required. Use cutting methods least likely to damage construction to remain or adjoining construction. Use hand tools or small power tools designed for sawing or grinding, not hammering and chopping, to minimize disturbance of adjacent surfaces. Temporarily cover openings to remain.
2. Cut or drill from the exposed or finished side into concealed surfaces to avoid marring existing finished surfaces.

- B. Removed and Salvaged Items:

1. Clean salvaged items.
2. Pack or crate items after cleaning. Identify contents of containers.
3. Store items in a secure area until delivery to Owner.
4. Transport items to Owner's storage area on-site.
5. Protect items from damage during transport and storage.

- C. Removed and Reinstalled Items:

1. Clean and repair items to functional condition adequate for intended reuse.
2. Pack or crate items after cleaning and repairing. Identify contents of containers.
3. Protect items from damage during transport and storage.
4. Reinstall items in locations indicated. Comply with installation requirements for new materials and equipment. Provide connections, supports, and miscellaneous materials necessary to make item functional for use indicated.

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

### 3.5 DISPOSAL OF DEMOLISHED MATERIALS

- A. General: Except for items or materials indicated to be recycled, reused, salvaged, reinstalled, or otherwise indicated to remain Owner's property, remove demolished materials from Project site and legally dispose of them in an EPA-approved landfill.
  - 1. Do not allow demolished materials to 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 demolished materials.
- C. Disposal: Transport demolished materials off Owner's property and legally dispose of them.

### 3.6 CLEANING

- A. Clean adjacent structures and improvements of dust, dirt, and debris caused by selective demolition operations. Return adjacent areas to condition existing before selective demolition operations began.

END OF SECTION 024119

SECTION 028213 – ASBESTOS ABATEMENT

The following shall apply to the abatement of asbestos being done under this contract:

- a. **Applicable Regulations:** All work to be done under this Contract shall be in compliance with Part 56 of Title 12 of the Official Compilation of Codes, Rules and Regulations of the State of New York (cited as 12 NYCRR Part 56).
- b. **Presumed Asbestos-Containing Material:** All material which can be defined as “presumed asbestos-containing material” according to 29 CFR Part 1926 (thermal insulation and surfacing material) shall be considered asbestos-containing materials unless asbestos test results bound at the end of this section indicated otherwise; or if the Contractor, at its own expense, tests the presumed asbestos-containing material and rebut the presumption, as permitted by CFR Part 1926.
- c. **Applicable Site Specific Variance:** The Contractor is responsible for obtaining any variance not issued to date that he/she feels may be applicable to the policies/ procedures as set forth in 12 NYCRR Part 56.
- d. **Owner Project Fact Sheet:** The Contractor shall complete and submit as much information as possible on the SUNY @ Geneseo Asbestos Material Removal Fact Sheet (appended to this Section) to SUNY Geneseo in triplicate prior to the project startup. Completion of the Fact Sheet shall be submitted prior to acceptance.
- e. **Patent Infringement:** A law firm representing GPAC, Inc. has indicated that the use of its process/procedure for asbestos containment and removal constitutes a patent infringement. All potential contractors are hereby notified that they may have to obtain a license to use certain patented Negative Air Containment systems, and that any liability of SUNY Geneseo in connection therewith is covered by the Agreement. Therefore, all potential contractors are hereby notified that after opening of the bids they must advise SUNY Geneseo as to the system they intend to use for Negative Air Containment and provide SUNY Geneseo with either a copy of their license to use the same or written documentation, signed by an authorized officer of their surety, that their performance bond guarantees the Contractor's indemnification covering patent claims.
- f. **Air Monitoring:** SUNY Geneseo shall be responsible for hiring and paying an independent third party firm to perform the requirements of Project Monitoring and Air Technician support as called for in 12 NYCRR Part 56. SUNY Geneseo's Project Monitor/Air Technician firm shall provide 24 hour turn around on tests, will work during the hours between 7 AM and 4 PM on Monday through Friday, will inspect the work for cleanliness prior to performing sampling and will have the authority to halt any work not being performed in adherence to the contract documents or applicable regulations. Cooperate with the SUNY Geneseo's Project Monitor/Air Technician firm in sequencing and scheduling the work in concert with their availability. Provide access, electrical power and lighting, cleaning, and other work required to facilitate successful air monitoring activities. Provide additional air monitoring, at no expense to the owner, as required to protect and monitor on site workers if required by applicable safety regulation or the contractor's safety plan.

- g. Disposal Procedures: It is the responsibility of the Contractor to determine current waste handling, transportation and disposal regulations for the work site and for each waste disposal landfill. The asbestos contractor must comply fully with these regulations, all appropriate U.S. Department of Transportation, EPA and Federal, State and local entities' regulations, and all other then current legal requirements. Submit originals or copies of all pertinent manifests in triplicate to SUNY Geneseo. Use a single source facility for disposal of all waste of similar type and category.
- h. Submittals: Prior to commencement of the work on this project, the Contractor must submit the following to the Owner or Owner's Representative for approval:
- 1) Copy of original insurance policy.
  - 2) Copy of Department of Labor notification.
  - 3) Copy of EPA notification.
  - 4) Abatement Plan Layout - Decon, Negative Air Lines, Variances.
  - 5) SUNY @ Geneseo Asbestos Material Removal Fact Sheet.
  - 6) Product Information - Encapsulant, Mask, etc.
  - 7) Material Safety Data Sheets.
  - 8) Asbestos Handling License.
  - 9) Waste Transporter Permits.
  - 11) Testing Lab - License, Certification.
  - 12) Employees - Workers Acknowledgement, Certification.
  - 13) Supervisor's Certification

No work will allowed to commence until all of the above submittals have been provided to and approved by the Architect.

- 1) Original Dumping Receipt - Waste Manifest.
  - 2) Contractor Sign In – Sign Out Log.
- i. Special Requirements
- 1) Size, location, and quantities of all pipes, joints, ducts, valves, tees, etc. must be field verified by all prospective bidders. Information given on the drawings and specifications is for general orientation and information only.
  - 2) The Contractor shall have at least one English-speaking supervisor on the job site at all times while the project is in progress.
  - 3) Prior to the commencement of work involving asbestos demolition, removal, renovation, the Contractor must submit to the University the name of its on-site asbestos supervisor responsible for such operations, together with documentation that such supervisor has completed an Environmental Protection Agency-approved training course for asbestos supervisors.

**STATE UNIVERSITY of NEW YORK at GENESEO  
ASBESTOS MATERIAL REMOVAL FACT SHEET**

PROJ NO. \_\_\_\_\_ PROJECT TITLE \_\_\_\_\_ DATE \_\_\_\_\_

SCOPE OF WORK: \_\_\_\_\_  
\_\_\_\_\_

ASBESTOS CONTRACTOR:  
Name/Address \_\_\_\_\_  
\_\_\_\_\_

PRIME CONTRACTOR:  
(If applicable) \_\_\_\_\_  
\_\_\_\_\_

Phone No.: \_\_\_\_\_

Phone No. \_\_\_\_\_

Contract Award Amount: \_\_\_\_\_

Asbestos Lic No. \_\_\_\_\_

Contract Completion Date: \_\_\_\_\_

Expiration Date: \_\_\_\_\_

**ASBESTOS ABATEMENT PERSONNEL: (Attach Additional Sheets as Required)**

	Name	Title/Function	Social Security No.	Certificate No.	Expir. Date
1.	_____	_____	_____	_____	_____
2.	_____	_____	_____	_____	_____
3.	_____	_____	_____	_____	_____
4.	_____	_____	_____	_____	_____
5.	_____	_____	_____	_____	_____

**ASBESTOS ABATEMENT WORK: (Attach Additional Sheets as Required)**

	Bldg (1) Usage	Removal Location (Bldg/Room)	Mat'l (2) Removed.	Quantity (3)	Methods of Removal
1.	_____	_____	_____	_____	_____
2.	_____	_____	_____	_____	_____
3.	_____	_____	_____	_____	_____
4.	_____	_____	_____	_____	_____
5.	_____	_____	_____	_____	_____

Date Removal Begins: \_\_\_\_\_ Date Removal Ends \_\_\_\_\_

Asbestos Carrier \_\_\_\_\_ Disposal Site \_\_\_\_\_

Phone No. \_\_\_\_\_ Phone No. \_\_\_\_\_

Hauler Permit No.(s): \_\_\_\_\_

**NOTE: In addition to the above information, the contractor shall submit all required documentation as stipulated by the New York State Labor Law Article 30; Part 56, 12NYCRR, which includes a copy of the asbestos contractor license and all asbestos handling certificates, waste transporters permits, disposal receipt acknowledgement, and air test reports (prior, during, and after abatement)**

**STATE UNIVERSITY of NEW YORK at GENESEO  
ASBESTOS MATERIAL REMOVAL FACT SHEET**

**KEY**

**BUILDING USAGE**

A	Administration	F	Dormitory
B	Academic	G	Mechanical Room
C	Library	H	Steam Tunnel
D	Health/Physical Education	I	Other
E	Dining Halls		

**MATERIAL REMOVED**

Acoustical/Decorative Plasters =	ADP
Fireproofing Materials =	FM
Troweled Wall/Ceiling Plasters =	TCP
Mud Joints/Tees =	MJT
Pipe Covering =	PC (List Pipe Size)
Boiler/Hot Water Tank Insulations =	BHTI
Panels/Ceiling Tiles =	PCT
Transite Panels =	TP
Vent/Drain Pipes =	VDP (List Size)
In-Place Gaskets =	IPG
Vinyl Asbestos Siding =	VAS
Vinyl Asbestos Tile =	VAT
Vinyl Asbestos Roofing =	VAR
Other (Describe) =	0:

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**QUANTITY OF MATERIAL**

S.F. = Square Feet i.e. Walls, Ceiling, etc.  
L.F. = Linear Feet i.e. Pipe, etc.

WET  
DRY  
GLOVEBAG  
TENT  
OTHER \_\_\_\_\_

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