

ASBESTOS WORK PLAN

**John G. Conyers Learning Academy
2800 W Central Road
Rolling Meadows, Illinois 60008**

Prepared for:

Community Consolidated School District 15
1001 Rohlwing Road
Rolling Meadows, Illinois 60008
847-812-9268

Prepared by:

Intertek
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Hillside, Illinois 60162
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January 5, 2026

Project Number: S2874.04

intertek

Total Quality. Assured.



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PROJECT DRAWINGS



BIDDING DOCUMENTATION

INVITATION TO BID

BID TO:

Community Consolidated School District 15

580 N. 1st Bank Drive
Palatine, Illinois 60067

BID FOR:

Asbestos Abatement RV1
John G. Conyers Learning Academy
2800 W Central Road
Rolling Meadows, Illinois 60008

The Owner is responsible for coordinating supplying water and electricity for asbestos abatement activities.

The Contractor shall be responsible to prepare, submit and pay any fees for abatement notification to the appropriate jurisdiction.

The Contractor shall provide a bid based on the estimated approximate quantities given on the attached Bid Sheet. Estimated quantities are given for bid purposes, and may be adjusted based on actual amounts. The Contractor shall contact the Owner for the purpose of verifying changes to the areas and quantities of material that will need to be abated specific to this renovation as per the scope of work.

Bids for this project are to be line itemized and tallied for a lump sum price. Line item prices shall include, but are not limited to multiple mobilizations, and multiple layers of asbestos-containing materials. An add/deduct unit rate is included to address significant variations in actual encountered quantities.

A pre-bid meeting is scheduled on Wednesday December 17, 2025 at 7:30AM at Conyers Learning Academy, 2800 W. Central Road, Rolling Meadows, IL 60008.

A performance bond and a 10% bid bond or certified check is required with the submitted package. Failure to provide will results in disqualification of bid.

The winning bidder is to provide a performance bond.

A prevailing wage statement is required to bid.

The district is requiring an apprenticeship program.

Contracts will be awarded to the lowest responsible, responsive bidder, as determined by the Board in its sole judgment, considering conformity with specifications, terms of delivery, quality and serviceability, and such other factors as the Board deems necessary and appropriate in the best interest of the School District.



Bids are to be submitted to the district office by 9:00 AM on Friday January 9, 2026 to the following address:

Community Consolidated School District 15
580 N. 1st Bank Drive
Palatine, Illinois 60067

T: 847-812-9268
E: kaplanej@ccsd15.net

Attn.: James Kaplanes

THE BIDDER ACKNOWLEDGES THE FOLLOWING ADDENDA:
(Failure to acknowledge may cause bid rejection.)

Addendum Number _____, dated _____

Addendum Number _____, dated _____

Addendum Number _____, dated _____

Bid Sheet

Item Description	Estimated Quantity	Unit	Lump Sum
Floor Tile and Mastic Phase I East Wing - Summer 2026	10,000	SF	
Floor Tile and Mastic Phase II West Wing - Summer 2026	9,000	SF	
Contingency	1	EA	\$7,000
TOTAL			

Please note that a copy of the signed executed business license is required to be submitted with this bid.

THE BIDDER AGREES TO:

1. Hold this bid open for sixty calendar days from the date of bid opening.
2. Enter into and execute a contract with Community Consolidated School District 15 if awarded on the basis of this bid.
3. Comply with the Contract Documents with respect to work requirements and schedule.
4. Comply with the Contract Documents with respect to Contract Time as specified in Work Plan.
5. Completely fill out the attached Bidder Certification Forms provided by the client.



THE BIDDER MAKES THE FOLLOWING REPRESENTATIONS AND CERTIFICATIONS:

1. That the work will be performed by licensed personnel or contractors as required by applicable state trade licensing laws.
2. Work will be performed in accordance with applicable and relevant laws, rules, and regulations of authorities having jurisdiction in the assigned area of the work.
3. Certifies that bidder has thoroughly reviewed the conditions at the site, the scope of work, and the approximate quantities of ACM noted for renovation, and agrees to remove these materials at the subject site and is responsible for verifying site conditions and reported quantities of ACM.
4. Will enter into an agreement with Community Consolidated School District 15, and will fulfill provisions/requirements set forth in the contract documents.

BIDDER	
Firm Name:	
Address:	
FEIN:	
Telephone Number:	
Contact:	
E-Mail:	
Authorized Signature:	
Title:	
For Corporations only, Attested By:	
Title:	
Date:	



1.0 PROJECT SUMMARY

1.1 GENERAL PROJECT INFORMATION

1.1.1 DESCRIPTION

The project site is the John G. Conyers Learning Academy located at 2800 W Central Road, Rolling Meadows, Illinois. This Work Plan requests bids from Illinois Department of Public Health licensed Contractors for the following items, as indicated on the attached drawings:

Abatement of two layers of asbestos-containing floor tile and mastic in the schools east and west wing classrooms including under the unit vents and classroom storage rooms. Classrooms have a section of carpet over the two layers of floor tile.

Unit vents are to be removed by others. The school will have another contractor disconnect and remove the unit vents from each room. Mastic is to be removed by grinding method. This project is to have two separate bids based on the project phases. Phase I east wing classrooms, Phase II west wing classrooms for the two layers of floor tile and mastic removal.

Floor protection of Masonite sheets covering the entire hallway areas in place by June 3rd first thing in the morning. The Masonite sheets can remain in place and will be removed by others after the asbestos abatement project is complete.

All abatement with testing for clearance must be completed by July 3, 2026.

Contractor is to provide own electrician for hook up.

Community Consolidated School District 15 reserves the right to split the contract if necessary.

The Contractor shall provide demolition, removal and proper disposal of asbestos-containing materials located in John G. Conyers Learning Academy as indicated in this Work Plan and the attached construction drawings. Activities by the Contractor shall be performed in accordance with applicable local, federal and state regulations. **All quantities are estimates and it is the Contractor's responsibility to verify.**

1.1.2 GENERAL NOTES

1. Asbestos abatement to be performed in accordance with Illinois Department of Public Health regulations.
2. Dumpster location to be coordinated with the Owner and the Contractor.
3. Work is to be performed in phases in coordination with the Contractor.
4. Owner is responsible for vacating work areas and relocating movable items prior to start of work.
5. Contractor must protect owner's property from damage that may result from their work activities.



6. Water source and electricity are to be coordinated with the Contractor. Contractor to provide electrician for providing electrical circuits where house power and/or ground fault protected circuits are not readily available.
7. High Efficiency Particulate Air (HEPA) filtered negative air must exhaust to the outside of the building.
8. Windows are to be used for negative air exhaust.
9. Decontamination unit to consist of a five-chamber system.
10. Hard barriers to restrict access to/from removal areas are to be installed prior to abatement work.
11. Contractor will provide demolition of walls and/or ceilings to access TSI in plumbing chases and above ceilings to facilitate abatement.

1.1.3 RELATED WORK

Work by others: The Owner will vacate work areas; remove personal items and removable equipment/furnishings from the work areas unless otherwise noted.

1.2 DEFINITIONS & ABBREVIATIONS

1.2.1 DEFINITIONS

1. Dates: Reference Codes, Regulations, and Standards are the issue current date of bidding documents unless otherwise specified.
2. Codes: Codes are rules, regulations or statutory requirements of government agencies.
3. Standards: Standards are requirements set by authorities, custom or general consent and established as accepted criteria.

1.2.2 ABBREVIATIONS

1. AHERA: Asbestos Hazard Emergency Response Act
2. ANSI: American National Standards Institute
3. ASHRAE: American Society of Heating, Refrigeration and Air-Conditioning Engineers
4. ASTM: American Society for Testing and Materials
5. CPSC: Consumer Product Safety Commission (Federal)
6. IDPH: Illinois Department of Public Health
7. IDOT: Illinois Department of Transportation
8. ISFM: Illinois State Fire Marshall
9. NESHAP: National Emission Standard for Hazardous Air Pollutants
10. NFPA: National Fire Protection Association
11. NIOSH: National Institute for Occupational Safety and Health
12. OSHA: Occupational Safety and Health Administration
13. Owner: Community Consolidated School District 15
14. Owner's Representative: Intertek
15. SOS: Secretary of State
16. UL: Underwriters Laboratories, Inc.



17. USEPA: United States Environmental Protection Agency

18.

1.3 CONTRACT TIME

The Contractor shall complete the work in accord with the contract and in Section 11.9 Sequencing and Scheduling.

Contractor is to provide a project duration time line for each bid submitted. Perform work in accordance with approved construction schedule. The projected start date for **Monday June 8, 2025**, the project will be or as soon as the notification periods after the Abatement Contractor has submitted IDPH and EPA notifications.

1.4 CONTRACTS

Construct project under a single Asbestos Abatement Contract between the Contractor and Owner.

1.5 BUILDERS RISK INSURANCE

No builders risk insurance will be required for this project.

1.6 REGULATORY REQUIREMENTS

Perform work in accordance with the Illinois Department of Public Health Asbestos Abatement Rules, Occupational Safety and Health Administration (OSHA) asbestos regulations, and EPA's Asbestos Hazard Emergency Response Act (AHERA).

1.7 TESTING LABORATORY SERVICES

Contractor to employ and pay for an independent testing laboratory or consultant to perform OSHA compliance air monitoring. Project observation and air sampling will be provided by the Owner's Representative.

1.8 SECURITY

Contractor shall regulate the work area and implement a security program starting upon mobilization to the site. At minimum, visitors shall provide a reasonable proof of identification and shall sign the visitor's log. The Contractor shall protect work, stored materials, construction equipment and the Owner's property from theft and vandalism.

1.9 ACCESS

Contractor vehicle access will be limited to street parking.



1.10 PARKING

Existing roads, drives, walks and parking facilities may be used for construction traffic. Damage resulting from construction equipment or vehicles shall be repaired to, at minimum, original condition prior to Final Acceptance of work performed by the Contractor.

1.11 TEMPORARY UTILITIES

Contractor shall coordinate with the Owner or its designee as necessary the connection of any temporary services needed for the work area including, but not limited to: electrical service, water and drain connections.

1.12 CONSTRUCTION AIDS AND BARRIERS

Contractor shall provide construction aids necessary to complete required project activities. Contractor shall provide and maintain barriers as necessary to prevent unauthorized access to the work areas and to protect the work, existing facilities and utilities from construction operations.

1.13 SUBMITTALS

1.13.1 PRIOR TO START OF PROJECT

Contractor shall provide the following submittals to the Owner's Representative five days prior to the start of the project:

1. Required IDPH and EPA Notifications
2. List of workers and supervisor(s)
3. Construction schedule
4. Product safety data sheets (SDS)
5. Documentation showing manufacturer's certification that vacuums, negative air equipment, and other local exhaust ventilation conform to ANSI Z9.2-2018
6. Photocopy of contractor's license and insurance
7. Photocopy of supervisor's license and accreditation certifications
8. Photocopy of each asbestos worker's license and accreditation certifications
9. Documentation by physician within the past year that employees and agents entering the work area are capable of wearing required respirators
10. Documentation that employees and agents entering the work area have passed a respirator fit test within the past year
11. Certification of respiratory protection training for personnel on-site and a copy of the current respiratory protection program
12. Landfill permit and arrangement for waste disposal
13. NIOSH approvals for respiratory equipment



1.13.2 AFTER FINAL ACCEPTANCE OF ANY PARTICULAR PHASE OF THE ASBESTOS ABATEMENT PROJECT

Contractor shall provide the following submittals to the Owner's Representative within ten days of Final Acceptance of any particular phase of the asbestos abatement project:

1. Supervisor's daily job progress reports
2. Signed disposal receipts/manifests
3. Work site entry and visitor's logs
4. Contractor's OSHA personnel monitoring reports
5. Differential pressure manometer records

1.14 MATERIAL DISPOSAL

Hazardous or special waste material must be removed from the project site as soon as practicable. This includes material that may contribute to fire load in the work area. Contractor is to remove and properly dispose of the stored material at that time of the Owner's direction. Material stored in the project site that is slated for disposal must be stored in a manner that is acceptable to the Owner.

1.15 FINAL CLEANING

Abatement Contractor shall remove waste, debris, rubbish, tools, construction aids, temporary equipment, machinery and surplus materials upon completion of work. Building materials not to be removed or abated for this project must remain undamaged. Maintain work area until project is accepted by the Owner or the Owner's Representative.

1.16 RECORD DOCUMENTS

Maintain, protect and keep current one copy of contract drawings, Work Plan, addenda, approved shop drawings and product data, or other modifications to contract, field test records, schedules and correspondence. These documents should be clearly labeled and be available for inspection by the Owner or the Owner's Representative. At completion of the project, deliver record documents, including drawings, to the Owner's Representative.



2.0 REGULATORY REQUIREMENTS

2.1 REQUIREMENTS INCLUDE

Contractor to comply with applicable laws, rules and regulations governing the work.

1. When Contractor observes that contract documents are at variance with specified codes, notify the Owner's Representative in writing immediately.
2. When Contractor performs any work knowing or having reason to know that the work is contrary to such laws, rules, and regulations and fails to so notify the Owner's Representative prior to performing the work, Contractor shall pay costs arising there from.

2.2 QUALITY ASSURANCE

Contractor:

1. Ensure that copies of specified codes and standards are readily available to Contractor's personnel. Copies are available at Contractor's expense from source or publisher.
2. Ensure that Contractor's personnel are familiar with workmanship and installation requirements of specified codes and standards.
3. Ensure that an OSHA Competent Person is directing activities in accordance with applicable federal, state and local regulations.

2.3 REGULATORY REQUIREMENTS

Source and Requirements

2.3.1 U.S. DEPARTMENT OF LABOR, OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA)

Including but not limited to:

1. General Industry: Asbestos, Title 29, Part 1910, Section 1001 of the Code of Federal Regulations.
2. Respiratory Protection, Title 29, Part 1910, Section 134 of the Code of Federal Regulations.
3. Construction Industry: Asbestos, Title 29, Part 1926, Section 1101 of the Code of Federal Regulations.
4. Access to Employee Exposure & Medical Records, Title 29, Part 1910, Section 20 of the Code of Federal Regulations.
5. Hazard Communication, Title 29, Part 1910, Section 1200 of the Code of Federal Regulations.
6. Specifications for Accident Prevention Signs and Tags, Title 29, Part 1910, Section 145 of the Code of Federal Regulations



2.3.2 U.S. ENVIRONMENTAL PROTECTION AGENCY (EPA)

Including but not limited to:

1. Worker Protection Rule, 40 CFR Part 763, Subpart G, CPTS 62044, FLR 2843-9, Federal Register, Vol. 50, No. 134, 7/12/85 P28530-28540
2. Regulation for Asbestos, Title 40, Part 61, Subpart A of the Code of Federal Regulations.
3. National Emission Standard for Air Pollutants (NESHAP) Asbestos, Title 40, Part 61, Subpart M (Revised Subpart B) of the Code of Federal Regulations.
4. Asbestos Hazard Emergency Response Act (AHERA), Title 40, Part 763 of the Code of Federal Regulations.
5. Toxic Substance Control Act

2.3.3 U.S. DEPARTMENT OF TRANSPORTATION (DOT)

Including but not limited to:

1. Hazardous Substances: Final Rule, Regulation 49 CFR, Parts 171 and 172.

2.3.4 STATE OF [{{{STATE THE PROJECT IS LOCATED IN}}}]

1. Illinois Asbestos Abatement Act (105 ILCS)

2.3.5 STANDARDS

1. ANSI No. A.17.1, American Standard Safety Code for Elevators, Dumbwaiters, Escalators and Moving Walks.
2. ANSI No. C-2, National Electrical Safety Code,
3. ASHRAE No. 62, Standard for Natural and Mechanical Ventilation
4. ASHRAE No. 90.1-1989, Energy Conservation in New Building Design.
5. ASHRAE No. 15, Safety Code for Mechanical Refrigeration.
6. AWWA: Water and Sewer Main Construction.
7. NFPA: National Fire Codes



3.0 TEMPORARY UTILITIES

3.1 CONTRACTOR TO PROVIDE AND MAINTAIN

Contractor to Provide:

1. Temporary electrical hookup to work areas from existing supply.
2. Temporary water hookup with backflow protection to work areas from existing supply.
3. Temporary ventilation inside work areas.
4. Temporary lighting for work areas.
5. Temporary fire detection and protection.

3.2 FURNISHED BY OTHERS

1. The Owner will authorize use of existing facilities for temporary use outside of abatement enclosures.
 - a. Heating
 - b. Electrical power service
 - c. Lighting outside work areas
 - d. Water service
 - e. Toilets
2. The Owner will pay costs of consumables used for construction purposes for utilities it furnishes.
3. Abatement Contractor requiring Owner furnished services will provide and pay for extension or modification of services to perform the work, and for restoration of services at completion of work.

3.3 DEFINITIONS

1. Temporary Enclosure: Sufficient enclosure of work area to prevent exhaust or venting of asbestos fibers outside of the work area in accordance with IDPH Asbestos Rules.
2. Temporary Ventilation: Provision, operation and maintenance of approved portable fans, filters, and ductwork to provide negative air requirements of IDPH Asbestos Rules from start of actual abatement work until final clearance.

3.4 DESCRIPTION OF TEMPORARY UTILITY SYSTEMS

3.4.1 TOILETS

Owner toilet facilities outside of abatement enclosures may be used by the Abatement Contractor's employees at Owner direction. Contractor is required to keep toilet facilities clean and undamaged during use. Use may be limited by construction activity and the Abatement Contractor should be prepared to provide alternate facilities



3.4.2 VENTILATING SYSTEM

3.4.2.1 TEMPORARY VENTILATION

Provide specified temporary ventilation in enclosed areas throughout abatement period in order to:

1. Maintain negative pressure in work area during abatement.
2. Provide four air changes per hour within containments as required to meet IDPH Asbestos Rules requirements.
3. Provide adequate ventilation to meet health regulations for safe working environment.
4. Prevent hazardous accumulations of dusts, fumes, mists, vapors or gases in areas occupied during abatement period.
5. If present, provide ventilation for heat dissipation for equipment that may generate heat that are located in the containment area and are to maintain continued operation.

3.4.2.2 DURATION OF VENTILATING OPERATIONS

Duration of ventilating operations:

1. Commence once abatement operations have begun.
2. Continue operation of ventilating system after cessation of work each day to assure sufficient and continuous negative pressure in work area.
3. Abatement Contractor shall provide and maintain a manometer to monitor and record negative pressure differential.
4. Continue ventilation until successful completion of final clearance air monitoring

3.4.3 ELECTRICAL SYSTEM

3.4.3.1 POWER CENTERS

Provide and maintain secondary power centers from Owner provided electric power system for construction needs throughout asbestos abatement period.

1. Provide circuit protection for each circuit.
2. Provide ground fault protection for each circuit.
3. Abatement Contractor using the secondary power centers shall provide their own grounded UL listed extension cords and other accessories from secondary power centers to the point of operation.

3.4.3.2 SERVICE CONNECTIONS

Provide service connections for:



1. Temporary lighting
2. Temporary ventilating
3. Miscellaneous hand tools and equipment
4. Pumping
5. Testing and inspecting equipment

3.4.3.3 TEMPORARY CONNECTIONS

All temporary connections other than receptacles shall be performed by a licensed electrician.

3.4.4 LIGHTING

3.4.4.1 TEMPORARY LIGHTING

Provide temporary lighting for:

1. Abatement needs
2. Safe working conditions throughout project
3. Safety lighting
4. Security lighting

3.4.4.2 BASIC REQUIREMENTS

Lamps:

1. Covered with safety guard or deeply recessed in reflector.
2. Not suspended by their electric cords unless cord and fixture designed for that purpose.

3.4.5 WATER SERVICE

1. Provide and maintain water service throughout abatement period, for abatement purposes:
 - a. Abatement Contractor shall provide a service connection to the work areas.,
 - b. Abatement Contractor shall provide water hoses and hose bibs to point of his operations.
 - c. Provide backflow protection.
 - d. Provide protection from freezing.
2. Water source: Owner

3.4.6 FIRE PROTECTION/DETECTION

1. Provide and maintain fire protection and detection in accordance with the Illinois State Fire Marshall (ISFM) and applicable codes.
2. Contractor is to provide necessary equipment including, but not limited to:



- a. Fire extinguishers
 - b. Carbon monoxide (CO) detectors
3. In the event that Owner's existing fire protection/detection system may need to be deactivated in order to accomplish the scope of work, the Contractor is to consult with the Owner prior to deactivation.

3.5 USE OF OWNER'S EXISTING SYSTEMS

1. Make written arrangements with Owner
2. Extend systems to meet temporary utility requirements for project, subject to approval of the Owner
3. Limitations:
 - a. Do not overload systems. When project requirements exceed system capacity, provide separate system to meet needs.
 - b. Prevent interference with Owner's normal use of system.
4. Maintain supervision of use of temporary facilities.
 - a. Enforce conformance with Owner requirements.
 - b. Use only designated facilities, systems or portions thereof.
5. Upon completion of the need to use existing systems, or when directed by Owner or Owner's Representative, restore existing systems to specified permanent condition.

3.6 REQUIREMENTS OF REGULATORY AGENCIES

1. Comply with specified codes and regulations: National Electric Code
 1. National Electric Safety Code
 2. National Fire Protection Association
 3. Federal and state requirements
 4. Utility company regulations

3.7 MATERIALS

May be new or used, but shall be adequate for purposes used, shall not create unsafe or unsanitary conditions, nor violate applicable codes.

1. Electrical Power System:
 - a. Comply with National Electric Code and OSHA.
 - b. Provide and maintain specified facilities, including transformers, poles, conductors, raceways, GFCI-protected breakers, fuses and switches.
2. Lighting:
 - A. Receptacles, fixtures:
 - a. Standard products, meeting UL requirements.
 - b. Provide heavy-duty guards on fixtures



- c. Provide appropriate types of fixtures and receptacles for environment in which used, in accordance with NEC and NEMA standards. GFCI protection shall be required for electrical equipment.
3. Water service:
 - a. Comply with Owner's requirements.
 - b. Provide facilities, including piping, valves, pumps, pressure regulators, tanks and other appurtenances.
4. Ventilation:
 - a. Comply with State and Federal regulations.
 - b. Comply with Owner's requirements.

3.8 GENERAL EXECUTION

1. Comply with applicable State, Federal and local regulations.
2. Install in a neat and orderly manner.
3. Modify and extend systems as work progresses.
4. Install to insure structural, mechanical and electrical soundness.
5. Maintain to provide safe, continuous service, and to provide safe working conditions.

3.9 INSTALLATION

1. Ventilating: Locate units to meet project progress, and as approved by the Owner's Representative. Avoid interference with:
 - a. Work or traffic areas.
 - b. Materials handling or storage areas.
 - c. Stairwells, access ramps, and ladders.
2. Electrical:
 - a. Do not run branch circuits on floor or on ground.
 - b. Verify proper operation of safety devices.
 - c. Provide GFCI protection in accordance with OSHA regulations for asbestos abatement work.
3. Water service:
 - a. Provide a means for water collection under each water service connection located within the building.
 - b. When necessary to maintain pressure, provide temporary pumps, tanks and/or compressors.

3.10 HVAC SHUTDOWN

1. Contractor shall seal HVAC air intakes and exhausts in abatement work areas.
2. Coordinate with Owner and the Owner's Representative for scheduling the shutdown of airflow.
3. Ensure that air intakes and exhausts are functional upon project completion.



3.11 DE-ENERGIZE ELECTRICAL SYSTEMS

1. Shutdown and lock out necessary circuits at the main distribution panels to the abatement work areas. Contractor shall coordinate with the Owner to determine which sources are to remain energized throughout the duration of the project.
2. Coordinate with Owner for scheduling the de-energizing of electrical systems.
3. Ensure that existing electrical systems are functional upon project completion.

3.12 REMOVAL

1. Upon Owner's prior written authorization, remove temporary materials and equipment.
2. Clean and repair any damage caused by installation. Restore any damage to original conditions.



4.0 USE OF EXISTING FACILITIES

4.1 GENERAL

The Owner shall not occupy or utilize work areas designated for abatement of asbestos-containing materials from within the building during that phase of the project.

4.2 SCHEDULING

1. Schedule the work to allow the Owner to maintain use of non-abatement areas. Submit separate detailed sub-schedule showing:
 - a. Each stage of work; occupancy dates of areas.
 - b. Date of final clearance and acceptance for each area of work.
2. Schedule noisy or hazardous work to avoid problems with Owner operations.

4.3 SECURITY AND SITE REGULATIONS

1. Site rules and regulations take precedence over others that may exist outside such jurisdiction. Confer with the Owner's Representative and obtain full knowledge of site rules and regulations affecting work.
2. The Owner may examine Contractor's list of employees, including subcontractors and agents.
3. Provide control of persons and vehicles entering and leaving project site. Reasonable proof of identification and signature to the visitor's log shall be required of the visitors by the Contractor's Site Superintendent.

4.4 CONSTRUCTION AIDS

Except as noted, Contractor shall provide and maintain construction aids and equipment for common use and to facilitate execution of the work.

4.5 TEMPORARY ENCLOSURES AND BARRIERS

1. Provide temporary enclosures to separate work areas from existing building and from areas occupied by Owner. Separation of work areas from occupied areas of the building shall comply with applicable IDPH Rules and Regulations.
2. Provide and maintain suitable barriers to prevent unauthorized entry, and to protect the work.

4.6 TEMPORARY UTILITIES

1. Owner will authorize use of existing facilities or services:
 - a. Heating
 - b. Electrical power service
 - c. Lighting outside work areas



- d. Water service
- e. Toilets
- 2. Make written arrangements with Owner
- 3. Prevent interference with Owner's normal use of system.
- 4. Modify, supplement and extend systems to meet temporary utility requirements for project, subject to approval of the Owner's Representative and Owner. Modifications shall be at contractor's expense.
- 5. Owner will pay costs of consumables (except toll calls) used for construction purposes for utilities it furnishes.
- 6. Contractor requiring facilities or services beyond those available from the Owner shall provide and pay for extension or modification of services to perform the work, and for restoration of services at completion of work.

4.7 ACCESS ROADS AND PARKING AREAS

- 1. Existing on-site streets and driveways may be used for construction traffic. Maintain existing condition.
- 2. Maintain roads, walks and parking areas in a sound, clean condition. Restore to original condition upon work completion prior to Final Acceptance.
- 3. Control vehicular parking to preclude interference with public traffic or parking, access by emergency vehicles, Owner operations or construction operations.

4.8 CONSTRUCTION CLEANING

- 1. Contractor is to provide cleaning and disposal of waste materials, debris and rubbish during abatement.
- 2. Contractor is to provide covered and locked containers for deposit of waste materials, debris and rubbish.

4.9 FIELD OFFICES

- 1. The Owner will authorize use of existing space for temporary office. Make arrangements with Owner.
- 2. Make arrangements with Owner for use of existing space for project meetings.

4.10 STORAGE

- 1. Make arrangements with Owner for any on-site storage of materials and equipment to be installed in project.
- 2. Protection and security for stored materials and equipment is solely Contractor's responsibility.



4.11 CLOSEOUT

1. Upon completion of need to use existing user-provided facilities, or when directed by the Owner's Representative, restore each to original or specified condition.
2. At completion of work in each area, provide final cleaning and return space to a condition suitable for use of Owner.



5.0 CONSTRUCTION AIDS

5.1 REQUIREMENTS INCLUDE

1. Contractor is to provide and maintain construction aids and equipment to facilitate execution of the work:
 - a. Platforms.
 - b. Railings.
 - c. Temporary enclosures.
 - d. Barriers.
 - e. Scaffolds and ladders.
2. Contractor is to provide and maintain for its own workforce other construction aids required to complete the work.
3. Contractor is to remove construction aids upon completion of work.

5.2 MATERIALS

Materials may be new or used. Materials must comply with applicable codes and standards for those materials.

5.3 CONSTRUCTION AIDS

Only stairs and/or elevators designated by the Owner may be used by Contractor personnel.

5.4 TEMPORARY ENCLOSURES

1. Provide temporary enclosures to separate work areas from existing areas occupied by Owner
 - A. Provide temporary exterior doors with self-closing hardware and padlocks.
 - B. Provide separation barriers to separate secured areas from occupied areas.
 - C. Provide other enclosures, removable, for work and handling of materials.
 - a. Close joints between sheet materials and seal edges and intersections with existing surfaces to prevent penetration of dust, fumes, or moisture.
 - b. In locations where fire protection is required, paint both sides of partition with non-combustible paint.

5.5 PREPARATION

Consult with Owner's Representative, and review site conditions and factors that may affect construction procedures and construction aids, including Owner use of facility, as well as fire codes.



5.6 REMOVAL

1. Relocate construction aids as construction progresses to expedite work and to accommodate requirements of Owner and other contractors at the site.
2. Completely remove temporary materials, equipment and services at project completion.
3. Clean and repair damage caused by installation or use of temporary facilities.
4. Restore existing facilities used for temporary purposes to original condition.



6.0 SITE SECURITY

6.1 CONTRACTOR REQUIREMENTS INCLUDE

1. Protect work, stored materials and construction equipment from theft and vandalism.
2. Protect premises from entry by unauthorized persons.

6.2 MAINTENANCE OF SECURITY

1. Contractor is to initiate security program in compliance with Owner's system prior to mobilization.
2. Contractor is to maintain a security program throughout the project period until Owner occupancy or acceptance precludes need for Contractor security.

6.3 PERSONNEL

1. Identification:
 - A. Provide identification to each person authorized to enter project premises, showing:
 - a. Personal photograph.
 - b. Name of individual and assigned number.
 - c. Employer's name.
 - B. Maintain a current list of accredited persons and submit copy of list to Owner's Representative as indicated in Section 1.13.1 of this Work Plan.
 - C. Require that identification be displayed by persons entering, leaving or on premises.
2. Exclude improperly identified persons from site.

6.4 ENTRANCE CONTROL

Using Agency will control deliveries and vehicles related to its own operations.



7.0 TEMPORARY ENVIRONMENTAL CONTROLS

7.1 CONTRACTOR REQUIREMENTS INCLUDE

1. Provide controls over environmental conditions at the construction site and related areas under the Contractor's control.
2. Remove physical evidence of temporary controls at completion of work or as directed by the Owner and the Owner's Representative.

7.2 DUST CONTROL

1. Provide dust control materials to minimize dust from construction operations. Prevent airborne dust from dispersing into the atmosphere outside the regulated area.
2. Owner's Representative shall perform sampling for airborne fiber concentrations for the duration of the project. The Air Sampling Professional (ASP) shall obtain air samples in accordance with NIOSH Method 7400 for PCM analysis. A minimum of one sample will be collected for each of the following locations for each day of work activities:
 - a. Outside of the work area
 - b. The decontamination unit.
3. If airborne fiber concentrations exceed 0.01 fibers per cubic centimeter (f/cc) by PCM outside the work area, the abatement contractor shall stop work and clean those areas of the building determined by the Asbestos Project Manager/Air Sampling Professional (APM/ASP) to have been contaminated. Work may resume once five air samples have been collected and results are less than 0.01 f/cc.

7.3 WATER CONTROL

Control surface water to prevent damage to the project, the site or adjoining properties. Provide, operate and maintain pumps as required.

7.4 DEBRIS CONTROL

1. Maintain areas under contractor's control free of extraneous debris.
2. Initiate and maintain a specific program to prevent accumulation of debris at construction site.
 - a. Provide containers specified in Section 8.0.
 - b. Prohibit overloading of containers and trucks to prevent overflow or spillage.
3. Schedule collection and disposal of debris as required.
 - a. Provide additional collections and disposals of debris whenever regular schedule is inadequate to prevent accumulation.

7.5 POLLUTION CONTROL

1. Prevent the discharge of noxious substances from construction operations.



2. Provide equipment and personnel to perform emergency measures to contain spillages and to remove contaminated soils or liquids.
3. Take measures necessary to prevent pollutants from entering public waters.



8.0 CONSTRUCTION CLEANING

8.1 GENERAL REQUIREMENTS INCLUDE

1. Contractor shall provide cleaning and disposal of waste materials, debris and rubbish during construction.
2. Contractor shall supervise; coordinate completion of cleaning operations of subcontractors.
3. Contractor shall construct necessary dust partitions to control construction dust migration.

8.2 DISPOSAL PRODUCTS

Contractor shall provide covered and lockable containers (dumpsters) for deposit of waste materials, debris and rubbish located per the User's approval.

8.3 CLEANING

Maintain areas under Contractor's control free of waste materials, rubbish and debris.

8.4 DISPOSAL

1. Remove waste materials, debris and rubbish from building interior and place in dumpster daily and dispose of in accordance with IDPH and EPA requirements.
2. Waste shall be removed from the work site at the completion of the work. The waste shipment record (WSR) shall be delivered to the Owner's Representative within 30 calendar days after the completion of the work.



9.0 FINAL CLEANING

9.1 CONTRACTOR DUTY

Contractor to provide final cleaning:

1. At completion of work, or at such other times as directed by the Owner's Representative and Owner, remove waste, debris, rubbish, tools, equipment, machinery and surplus materials. Clean exposed surfaces; leave work areas clean.

9.2 SAFETY REQUIREMENTS

A. Maintain project in accord with following safety standards:

1. Federal and state regulations.
2. National Fire Protection Association (NFPA).
3. IDPH, OSHA, and EPA Regulations for Asbestos.

B. Hazards Control:

1. Store volatile wastes in covered metal containers and remove from premises daily.
2. Prevent accumulation of wastes that create hazardous conditions.
3. Provide adequate ventilation during use of volatile or noxious substances.
4. See Section 11.0 for handling of Asbestos.

C. Conduct cleaning and disposal operations to comply with Federal and State anti-pollution laws.

1. Do not burn or bury rubbish and waste materials on project site.
2. Do not dispose of volatile wastes such as mineral spirits, oil or paint thinner in storm or sanitary drains.
3. Do not dispose of wastes into streams or waterways.

9.3 MATERIALS

1. Select and use cleaning materials and equipment with care to avoid scratching, marring, defacing, staining, or discoloring surfaces cleaned.
2. Use only cleaning materials recommended by manufacturer of surface to be cleaned.
3. Use cleaning materials only on surfaces recommended by cleaning material manufacturer.

9.4 FINAL CLEANING

1. Employ experienced workmen for final cleaning.
2. Remove tape/adhesive, grease, dust, dirt, stains, labels, protection and other foreign materials from sight-exposed interior and finished surfaces.



3. Contractor mop clean flooring in work areas.
4. Maintain cleaned areas until project, or designated portion thereof, is accepted by Owner.
5. See Section 11.0 for asbestos abatement cleaning requirements.



10.0 PROJECT RECORD DOCUMENTS

10.1 CONTRACTOR

1. At project site, maintain one record copy of:
 - A. All documentation required by IDPH Rules and Regulations.
 - a. All submittals to the Owner's Representative as listed in Section 1.0.
 - b. Contract drawings.
 - c. Work Plan.
 - d. Interpretations and supplemental instructions.
 - e. Addenda.
 - f. Other modifications to contract.
 - g. All schedules.
 - h. Correspondence file.
 - i. Applicable rules and regulations (i.e., OSHA, EPA, IDPH).
2. Store documents in temporary field office apart from documents used for field construction.
3. File documents in format in accord with the Work Plan Table of Contents.
4. Maintain documents in clean, dry, legible condition.
5. Do not use record documents for field construction purposes.
6. Make documents available at for inspection by Owner's Representative and Owner.

10.2 RECORDING

1. Label each document "PROJECT RECORD DOCUMENTS".
2. Keep record documents current.
3. Do not permanently conceal any work until specified information has been recorded.
4. Specifications and addenda: Legibly mark up each section to record:
 - a. Manufacturer, trade name, catalog number, and supplier of each product and item of equipment actually installed.
 - b. Changes made by change order or field order.
 - c. Other matters not originally specified.
5. Work Plan drawings: Maintain as record documents; legibly annotate drawings to record changes made after review.

10.3 SUBMITTAL

1. At completion of project, deliver record documents to the Owner's Representative.
2. Accompany submittal with transmittal letter, in duplicate, containing:
 - a. Date.
 - b. Project title and number.
 - c. Contractor's name and address.
 - d. Title and number of each record document.
 - e. Certification that each document submitted is complete and accurate.



f. Signature of contractor, or his authorized representative.



11.0 ASBESTOS ABATEMENT

11.1 WORK INCLUDES

The project site is John G. Conyers Learning Academy located at 2800 W Central Road, Rolling Meadows, Illinois. This Work Plan includes abatement by a IDPH licensed asbestos abatement contractors of the following items:

Abatement of two layers of asbestos-containing floor tile and mastic in the schools east and west wing classrooms including under the unit vents and classroom storage rooms. Classrooms have a section of carpet over the two layers of floor tile.

Unit vents are to be removed by others. The school will have another contractor disconnect and remove the unit vents from each room. Mastic is to be removed by grinding method. This project is to have two separate bids based on the project phases. Phase I east wing classrooms, Phase II west wing classrooms for the two layers of floor tile and mastic removal.

Floor protection of Masonite sheets covering the entire hallway areas in place by June 3rd first thing in the morning. The Masonite sheets can remain in place and will be removed by others after the asbestos abatement project is complete.

All abatement with testing for clearance must be completed by July 3, 2026.

Contractor is to provide own electrician for hook up.

Community Consolidated School District 15 reserves the right to split the contract if necessary.

The Contractor shall provide demolition, removal and proper disposal of asbestos-containing materials located in John G. Conyers Learning Academy as indicated in this Work Plan and the attached construction drawings. Activities by the Contractor shall be performed in accordance with applicable local, federal and state regulations.

11.2 GENERAL NOTES

1. Asbestos abatement to be performed in accordance with IDPH regulations (Illinois Rules 105 ILCS.)
2. Dumpster location to be coordinated with the Owner and the Contractor.
3. Work is to be performed in phases in coordination with the Contractor.
4. Owner is responsible for vacating work areas and relocating movable items prior to start of work.
5. Contractor must protect owner's property from damage that may result from their work activities.
6. Water source and electricity are to be coordinated with the Contractor. Contractor to provide electrician for providing electrical circuits where house power and/or ground fault protected circuits are not readily available.
7. HEPA-filtered negative air must exhaust to the outside of the building. Exhaust tubing ends shall not be tied or otherwise restricted.



8. Windows are to be used for negative air exhaust.
9. Decontamination unit to consist of a five-chamber system.
10. Barriers to restrict access to/from regulated areas are to be installed prior to abatement work.
11. Contractor will provide demolition of walls and/or ceilings to access TSI in plumbing chases and above ceilings to facilitate abatement.

11.3 WORK BY OTHERS

11.3.1 OWNER'S REPRESENTATIVE

1. Perform duties of APM/ASP per IDPH Asbestos Abatement Rules and AHERA requirements.
2. Contractor to employ and pay for an independent testing laboratory to perform OSHA compliance air monitoring.

11.3.2 OWNER

1. Relocate movable equipment and furnishings in designated asbestos work areas to allow for abatement. Replace movable equipment and furnishings to previous locations upon acceptance of work.
 - a. Provide any temporary utility connections.
 - b. Assist Contractor in the shut-down of existing power, lighting and ventilation equipment to the regulated area.

11.4 DEFINITIONS

1. Reference the following documents for applicable definitions:
 - a. Illinois Asbestos Abatement Act.
 - b. IDPH Asbestos Abatement Rules
 - c. EPA AHERA, 763.83.
 - d. EPA NESHAP – 40 CFR 61 Subpart M, 61.141
 - e. OSHA Construction Industry Standard - 29 CFR 1926.1101 (b)

11.5 REGULATORY REQUIREMENTS

11.5.1 FEDERAL

1. AHERA (Asbestos Hazardous Emergency Response Act), 40 CFR 763.
2. NESHAP (National Emission Standards for Hazardous Air Pollutants) - 40 CFR Part 61, Subpart M.
3. OSHA Construction Standard (Occupational Safety and Health Administration)- 29 CFR 1926.1101.



11.5.2 STATE

1. Illinois Asbestos Abatement Act (105 ILCS).

11.6 FIELD QUALITY CONTROL

11.6.1 OWNER REPRESENTATIVE

Employ an Asbestos Project Manager (APM) to perform the duties and responsibilities referenced in the IDPH Rules 105 ILCS.

11.6.2 CONTRACTOR

1. Employ a full-time IDPH-licensed Asbestos Supervisor to perform the duties and responsibilities referenced in the IDPH rules, and serve as the OSHA Competent Person in accordance with 29 CFR 1926.1101. The contractor's supervisor will be responsible for the performance of the project.
2. Maintain records of air monitoring of own personnel or a Negative Exposure Assessment (NEA) in accordance with OSHA 29 CFR 1926.1101. Provide a copy of results to the APM within twenty-four (24) hours of sample collection.
 - a. In lieu of exposure air monitoring, the contractor may submit an NEA to the Owner's Representative prior to commencement of work. The NEA must consist of documentation of air sampling results from a similar project performed within the past twelve months indicating workers performing similar operations as those on this project were not exposed at or above the OSHA PEL of 0.1 f/cc or the 30 minute EL.
3. Provide proper respiratory protection and protective clothing for contractor personnel in accordance with OSHA 29 CFR 1926.1101 and OSHA 29 CFR 1910.134.
4. The supervisor shall assist or accompany the APM/ASP during any inspections as requested.
5. Collect personal samples using an independent testing firm in accordance with OSHA 29 CFR 1926.1101 for the contractor.
 - a. The minimum number of samples taken daily will include, one excursion limit (EL) and one 8-hour time-weighted average (TWA) for each classification of work
6. Pay any additional costs that arise from failure of final clearance testing and may include costs for services of APM, ASP, laboratory or Owner's Representative.

11.6.3 OTHER

Appropriate regulatory agencies, the Owner or the APM may issue emergency stop work orders to the Contractor.

11.7 SUBMITTALS

1. Make submittals in accord with IDPH Rules, and these specifications to Asbestos Project Manager.



- a. Submit documented evidence that each person, including contractor's supervisor, performing any work involving asbestos holds a current and valid IDPH licenses and accreditation certificates in accord with IDPH Rules.
- b. Submit documented evidence of current medical surveillance records.
- c. Submit documented evidence of respirator training and current fit test.
- d. Submit updated construction schedule.
- e. Complete the State of Illinois Asbestos Abatement Project Notification Form and ensure notification is postmarked or hand delivered to EPA at least ten working days and to IDPH at least five calendar days prior to start of construction in accordance with State of Illinois requirements.

11.8 PROJECT AND SITE CONDITIONS

1. The Contractor shall provide removal and proper disposal of asbestos-containing materials from the Community Consolidated School District 15 in accordance with applicable local, federal and state regulations. The project is located at 2800 W Central Road, Rolling Meadows, Illinois. A description of the project is provided in Section 1.1. Asbestos waste generated shall be disposed of in accordance with EPA regulations.
2. The contractor shall cooperate with other contractors and the Owner during the project.
3. Contractor activities shall be confined to their work areas to the greatest extent feasible. The Owner will continue to occupy the site and the Owner's activities and operations shall not be compromised outside the abatement work areas.

11.9 SEQUENCING AND SCHEDULING

1. Contractor is to provide a project duration time line for each bid submitted. Perform work in accordance with approved construction schedule.
2. Coordinate and schedule asbestos abatement operations with Owner, the Owner's Representative and the Contractor. Provide Owner with schedule for abatement prior to beginning work. Keep Owner notified throughout project of schedule changes. Schedule changes must be submitted at least 48 hours in advance of the change. Provide two-weeks notice for major changes in schedule.

11.10 STOP WORK

1. IDPH, OSHA, Owner, APM or other state or federal agency may issue a stop work order to the contractor in the event that work activities are observed that are not in compliance with applicable regulations and this Work Plan.
2. Written notification of the stop work order will be provided to the contractor with 24 hours.
3. Work may not resume until the observed condition has been corrected.
4. Contractor will perform corrective action in a time frame agreed upon by the Owner, Owner's Representative and appropriate regulatory agencies, as appropriate.
5. Costs incurred, including any testing, permits, materials or other costs, associated with any delay due to the stop work order shall be paid for by the Contractor.



11.11 ASBESTOS ABATEMENT EQUIPMENT

Use only materials and equipment complying with IDPH Rules, and as specified herein.

11.12 ACCEPTANCE MANUFACTURERS/PRODUCTS

1. Wetting Agent (amended water): that is non carcinogenic, non toxic and is not an irritant to the eyes, skin, or respiratory system.
2. Post Removal Encapsulant: that is non carcinogenic, non toxic and is not an irritant to the eyes, skin, or respiratory system and forms a bridging seal over solid surfaces.
3. Mastic Remover: Mastic removers must have a flash point greater than 200°F and lower explosive limit greater than 5%.

11.13 MATERIALS

Provide materials as required to comply with IDPH Rules, with the exception that fire retardant polyethylene sheeting is to be used.

11.14 CHEMICAL PRODUCTS

Submit to the APM current Safety Data Sheets (SDS) on products used in the performance of this work. Submittals shall be made five working days prior to commencement of work or five working days prior to beginning use of a new product on the project.

11.15 PREPARATION

1. Perform work in accordance with IDPH Rules and Regulations, OSHA Construction Industry Standard (29 CFR 1926.1101), accepted professional work practices and this Work Plan.
2. Cooperate with the Owner, the Owner's Representative, the APM/ASP and other contractors throughout the project.
3. Separation of Secured Areas Adjacent to Occupied Areas:
 - a. Corridors, doorways, and cased openings not to be used for passage during abatement shall be sealed with barriers constructed with fire retardant wood or metal framing faced with 1/2" minimum fire retardant plywood applied to the work area side of the barrier. Barriers shall extend from the floor to within six inches of the ceiling, but need not exceed a height of eight feet from the floor. Access for abatement workers through the barrier may be accomplished by installing a lockable door in the barrier.
4. Post signs, as required in this section and 29 CFR 1926.1101, at a distance far enough away from the Regulated Area to permit an employee to read the sign and take the necessary protective measures to avoid exposure. The sign should read:



**DANGER
ASBESTOS
MAY CAUSE CANCER
CAUSES DAMAGE TO LUNGS
AUTHORIZED PERSONNEL ONLY**

In addition, when respirators and protective clothing are required, the following shall be included on the sign:

RESPIRATORS AND PROTECTIVE CLOTHING REQUIRED IN THIS AREA

11.15.1 WORK AREA PREPARATION - FULL CONTAINMENT

1. Establish regulated areas and restrict access to the site. Post danger signs in and around the work area to comply with OSHA regulation 29 CFR 1926.1101 and in compliance with applicable Federal, State, and local requirements.
2. Assist APM/ASP in obtaining background air samples.
3. Coordinate with the building representative the shutdown of electrical power, lighting and ventilation systems serving the work area.
4. Coordinate with the building representative the connection of temporary electrical power for the work area.
5. Perform pre-cleaning of surfaces within the work areas using wet wiping and HEPA vacuums in accordance with IDPH.
6. Install critical barriers on penetrations, windows, skylights, ducts, grilles, diffusers, doors, fixtures, equipment, or remaining furnishings and any other remaining penetrations with two independent layers of fire retardant six-mil polyethylene sheeting in accordance with IDPH Rules.
7. Construct containment barriers consisting of at least one layer of fire retardant four-mil poly on walls and two layers of fire retardant six-mil poly on floors not to be abated in accordance with IDPH Rules.
8. Construct decontamination enclosure systems for worker decontamination and waste removal operations in accordance with IDPH Rules.
9. Provide five (5) chamber worker decontamination system and two (2) chamber waste removal system. Provide water connection to each system from the Owner's supply. The Contractor shall provide hot water to the shower unit in the worker decontamination unit.
10. Filter water using four (4) in-line filter cartridges with 2" inlets and outlets. The outlet of each filter cartridge shall be connected in series to the inlet of the next cartridge. The first cartridge shall contain 100-micron pre-filters and the second and third cartridge shall contain 25-micron filters and the final cartridge shall contain 5-micron filters.
11. Maintain negative pressure system in the work areas during asbestos abatement work. Provide number of exhaust units in each work area to provide one air change every 15 minutes for the work area. Locate units so that make-up air enters the work area primarily through the decontamination facility and traverses the work area as much as possible. Maintain negative pressure differential of 0.02 inches of water as documented and recorded by manometric measurements. Vent exhaust



units to the outside of the building. Provide flexible or rigid duct as necessary to provide venting to the outside of the building and proper location of exhaust units. Ducts shall be completely sealed, in good repair, and protected from possible damage within the work area.

11.15.2 WORK AREA PREPARATION - MINI-CONTAINMENT

1. Establish regulated areas and restrict access to the site. Post danger signs in and around the work area to comply with OSHA regulation 29 CFR 1926.1101 and in compliance with applicable Federal, State, and local requirements.
2. Assist APM/ASP in obtaining background air samples.
3. Coordinate with the building representative the shutdown of electrical power, lighting and ventilation systems serving the work area.
4. Coordinate with the building representative the connection of temporary electrical power for the work area.
5. Perform pre-cleaning of surfaces within the work areas using wet wiping and HEPA vacuums in accordance with IDPH Rules.
6. Install critical barriers on penetrations, windows, skylights, ducts, grilles, diffusers, doors, fixtures, equipment, or remaining furnishings and any other remaining penetrations with two independent layers of fire retardant six-mil polyethylene sheeting in accordance with IDPH Rules.
7. Construct a mini-containment with barriers consisting of at least one layer of fire retardant four-mil poly on walls and two layers of fire retardant six-mil poly on floors in accordance with IDPH Rules.
8. Construct a change room in the same manner as the mini-containment and place so that access to the mini-containment is through the change room.
9. Cover the floor in front of the entry to the change room with one layer of six-mil poly on the floor and securely anchor to prevent slipping.
10. Maintain negative pressure system in the work areas during asbestos abatement work. Provide number of exhaust units in each work area to provide one air change every 15 minutes for the work area. Locate units so that make-up air enters the work area primarily through the decontamination facility and traverses the work area as much as possible. Maintain negative pressure differential of 0.02 inches of water as documented and recorded by manometric measurements. Vent exhaust units to the outside of the building. Provide flexible or rigid duct as necessary to provide venting to the outside of the building and proper location of exhaust units. Ducts shall be completely sealed, in good repair, and protected from possible damage within the work area.

11.16 AIR MONITORING

1. Owner's Representative shall provide on site project observation and air sampling **prior to and during removal activities** in accord with IDPH Rules.
2. Contractor will provide ground fault protected power and extension cords to areas requiring air monitoring and clearance sampling.
3. Contractor is responsible for performing personnel monitoring in compliance with applicable OSHA standards.



11.17 PERFORMANCE

Perform work in accordance with IDPH Rules and Regulations, OSHA Construction Industry Standard (29 CFR 1926.1101), EPA NESHAPS (40 CFR 61), accepted professional work practices and these specifications.

11.17.1 GROSS REMOVAL

1. Personnel entering the regulated areas shall don appropriate personal protective clothing and equipment. Contractor shall comply with OSHA regulations referencing respirator selection, PPE and HazCom.
2. Respirators
 - a. Air inside protective respirator shall be maintained at less than 0.01 f/cc.
 - b. **No less protection than a PAPR shall be used for Class I work, regardless of a Negative Exposure Assessment (NEA).**
3. Upon completion of work area preparation and before work is to begin, notify APM/ASP that the work area is ready for inspection. The Contractor shall not begin abatement work until the APM/ASP has inspected the area and any deficiencies have been corrected.
4. Removal
 - a. For asbestos-containing materials designated within this Work Plan to be removed, perform removal by gross removal methods in accordance with OSHA regulations for Class I and II work, as appropriate. Wet methods shall be used for removal of ACM.
 - b. Spray asbestos-containing material with amended water, using spray equipment capable of providing a "mist" application to reduce the release of fibers. Saturate the material sufficiently to wet it to the substrate without causing excessive dripping. The use of high RPM power equipment, pressure washers, or hydroblasters shall not be acceptable. Remove the saturated asbestos material in small sections. Material shall not be allowed to dry before placing in sealable polyethylene bags of 6-mil minimum thickness. ACM shall be removed completely. Nylon fiber brushes shall be used to clean asbestos fibers from rough surfaces. Any contaminated material capable of puncturing the polyethylene bags shall be packaged separately.
 - c. Maintain work areas free of accumulated asbestos-containing materials. Keep waste materials wet until enclosed in sealed plastic bags. Seal polyethylene bags airtight with adequate wetness inside the bag. Ensure that contaminated materials are double-bagged to yield a minimum covering of 12 mils before removal from the work area and that bags are sealed in a goose-neck style. Move the bagged material to the wash-down station, clean and properly label before removing to the on-site waste dumpster.
 - d. Following completion of removal and containment cleaning, conduct visual inspection in accordance with IDPH Rules. If inspection identifies evidence of dust, debris, or residue, reclean the entire containment and conduct another visual inspection.
 - e. Once the first visual inspection has been passed, remove wall and floor containment poly in accordance with IDPH Rules.



- f. Following removal of wall and floor containment poly, conduct a second visual inspection in accordance with IDPH Rules. If inspection identifies evidence of dust, debris, or residue, reclean the entire containment and conduct another visual inspection.
 - g. Document and certify completion of the visual inspection on the Certification of Visual Inspection Form contained in this Work Plan.
5. Test For Final Clearance

For containments consisting of the removal of greater than or equal to 160 square feet, 260 linear feet or 35 cubic feet of asbestos-containing material: Following final clean, the ASP shall obtain final aggressive clearance air samples in accordance with IDPH Rules: Sample analysis will be in conducted by transmission electron microscopy (TEM) in accordance with IDPH Rules.

TEM Alternative Clearance Standard: Final clearance in a work area is achieved when each inside air sample has a result less than or equal to 70 structures per millimeter squared (s/mm²).

Flow Rate: Minimum 1 L/MIN, Maximum less than 10 L/MIN

Volume: Minimum 1,200 L

Inside Work Area Samples: 5

Field Blanks: 1 sample

Lab Blanks: 1 sample

For containments consisting of the removal of less than 160 square feet, 260 linear feet or 35 cubic feet of asbestos-containing material for a project subject to AHERA, or for clearance otherwise: Following final clean, the ASP shall obtain final aggressive clearance air samples in accordance with IDPH Rules: Sample analysis will be in conducted by phase contrast microscopy (PCM) in accordance with IDPH Rules.

PCM Clearance Standard: Final clearance in a work area is achieved when each inside air sample has a result less than or equal to the 0.01 fiber per cubic centimeter (f/cc).

Flow Rate: Minimum 0.5 L/MIN, Maximum less than 10 L/MIN

Volume: Minimum 2,000 L

Inside Work Area Samples: 5

6. Contractor shall be released upon successful completion of work activities and final clearance air sample results satisfy requirements.



11.17.2 CERTIFICATE OF VISUAL INSPECTION AND AIR SAMPLING



CERTIFICATE OF VISUAL INSPECTION AND AIR SAMPLING	
Building Designation:	
Containment Area Description:	
Date:	
CONTRACTOR CERTIFICATION OF VISUAL INSPECTION	
The Contractor, _____, hereby certifies that the work area (all surfaces including, as applicable, pipes, beams, ledges, walls, ceiling, floor, decontamination unit, sheet plastic, etc.) has been visually inspected and no dust, debris, or residue has been found.	
Signature:	
Printed Name:	
Date:	
License Number:	
License Expiration Date:	
Contractor Company Name:	
Contractor Company License Number:	
ENVIRONMENTAL CONSULTANT CERTIFICATION OF AIR SAMPLING	
The Environmental Consultant certifies that aggressive final clearance air sampling has been performed and all samples were ≤ 70 structures per millimeter squared, or background air quality level (or lower if required by regulations), and certify that the area is safe for re-occupancy.	
Signature:	
Printed Name:	
Environmental Consultant Name:	
Date:	



12.0 DISPOSAL

12.1 RELATED DOCUMENTS

Drawings and general provisions of Contract, including General and Supplementary Conditions and other Specification Sections, apply to work of this section.

Section 2.3, Regulatory Requirements, describes applicable federal, state and local regulations.

12.2 DESCRIPTION OF THE WORK

This section describes the disposal of Asbestos-Containing Materials. Disposal includes packaging of asbestos-containing waste materials.

Hazardous or special waste material must be removed from the project site as soon as practicable. This includes material that may contribute to fire load in the work area. Contractor is to remove and properly dispose of the stored material at that time of the Owner's direction. Material stored in the project site that is slated for disposal must be stored in a manner that acceptable to the Owner.

12.3 SUBMITTALS

1. Before Start of Work: Submit the following to the Owner's Representative for review. Do not start work until submittals are returned with Owner's Representative's approval indicating that the submittal is returned for unrestricted use.
 - a. Copy of state or local license for waste hauler.
 - b. Name and address of landfill where asbestos-containing waste materials are to be disposed. Include contact person and telephone number.
2. Submit copies of manifests and disposal site receipts to Owner's Representative prior to project close-out.

12.4 DISPOSAL BAGS

Provide clear six mil thick leak-tight polyethylene bags with two labels as follows:

12.5 FIRST LABEL

Provide in accordance with 29 CFR 1910.1200(f) of OSHA's Hazard Communication standard with NESHAP additions:

**DANGER
CONTAINS ASBESTOS FIBERS
MAY CAUSE CANCER**



**CAUSES DAMAGE TO LUNGS
DO NOT BREATHE DUST
AVOID CREATING DUST**

**OWNER
CONTRACTOR NAME
LOCATION AT WHICH WASTE WAS GENERATED**

12.6 SECOND LABEL

Provide in accordance with U. S. Department of Transportation regulation on hazardous waste marking. 49 CFR parts 171 and 172. Hazardous Substances: Final Rule. Published November 21, 1986, and revised October 21, 1991:

**RQ
ASBESTOS
NA 2212, III**

12.7 EXECUTION

1. Follow procedures as outlined in Section 11.0, Asbestos Abatement.
2. Retain receipts from landfill or processor for materials disposed of.
3. At completion of hauling and disposal of each load, submit copy of waste manifest, chain-of-custody form, and landfill receipt to Owner's Representative.

PROJECT DRAWINGS

GENERAL NOTES for Asb-1

1. Asbestos abatement to be performed in accordance with Illinois Department of Public Health (IDPH) regulations (77 IAC 855). Owner is responsible for vacating work areas and relocating moveable items prior to start of work.
2. The Owner is responsible for removing any items they wish to be retained prior to the start of work.
3. Barriers to restrict access to/from removal areas to be installed prior to abatement work.
4. Dumpster is to be located adjacent to the work area, as close as practicable. Exact location to be coordinated with the Owner.
5. Water sources and electricity are located adjacent to each work area.
6. High Efficiency Particulate Air (HEPA) filtered negative air must exhaust to the outside of the building, where applicable.
7. Windows may be used for negative air exhaust.
8. Decontamination units shall consist of a five-chamber, remote system for the restrooms. Waste out/equipment decontamination units shall consist of two-chamber systems. Attached systems must be used for the cafeteria.
9. Contractor must protect Owner's property from damage that may result from their work activities.
10. Work shall be performed in a full containment and require TEM air sampling for clearance.
11. Abatement of floor tile and mastic including under unit vents.
12. Unit vents are to be removed by others.
13. Mastic is to be removed by grinding.



Not to Scale



John G. Conyers – First Floor Plan

LEGEND:

- Remove ACM Phase I
- Remove ACM Phase II
- Remove ACM Phase III

NOTE: All locations are approximate and must be field verified.



Environmental Services
 4421 Harrison Street Hillside, IL 60162
 Tel (708) 236-0720 Fax (708) 236-0721

Palatine Community Consolidated School District Palatine, IL	DRAWN BY: M.G.	DATE: 12/15/25	DRAWING NO.: ASB-1
Asbestos Material Abatement John G. Conyer	PROJECT MGR: K. Sachs	PROJECT NO.: S2874.04	