

## **SPECIFICATIONS**

### **REMOVAL AND DISPOSAL OF ASBESTOS CONTAINING THERMAL SYSTEM INSULATION (T.S.I.)**

**From classrooms, boiler, hot water tank, pipe runs, elbows, joints**

### **REMOVAL AND DISPOSAL OF ASBESTOS CONTAINING CEMENT ASBESTOS BOARD from the Welding Booths**

**GENESEE JOINT SCHOOL DISTRICT #282  
P O BOX 98  
330 W ASH STREET  
GENESEE, ID 83832**

INVITATION TO BID  
Asbestos Abatement Project

WHERE: Genesee School District Genesee Idaho

PROJECT

- I. Removal and Disposal Of Asbestos TSI from the boiler, hot water tank, pipes, joints, and elbows in the boiler and pump room. Asbestos insulation from five classrooms and the Gym
2. Removal and disposal of Asbestos CAB welding booths from the AG Shop

Pre-bid.

Walk-through May 11th 2018; 1130am.

Meet at the Principal's' office.

Sealed bids due May 25th 2018, 3 p.m.

Bids to be open May 25th 2018, 3 p.m.

Project specifications will be handed out at the walk-through or call 509-248-9070 to be added to the project mailing list.

This project will follow all AHERA School Rules and Regulations for the safe removal of asbestos in schools K-12.

For questions contact:

Joe Walkenhauer, Project Designer 509-248-9070 or 509-941-0095

Email: walkenhauer@aol.com.

Or

Todd Dahmen

Genesee School District Maintenance Director at 509-595-8360

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# **BIDDING AND CONTRACT REQUIREMENTS**

## **Part I**

### **REMOVAL AND DISPOSAL OF ASBESTOS CONTAINING THERMAL SYSTEM INSULATION (T.S.I) & CEMENT ASBSTOS BOARD (CAB) AT Genesee Joint School, 330 W Ash Street, Genesee Joint School District.**

1. Pre-bid walk-through will be conducted on Friday, May 11, 2018, 11:30 a.m. Meet at the office of the Principal/Superintendent 330 W Ash St., Genesee, ID
2. Sealed bids will be accepted by the Genesee Joint School District through the Superintendent,  
Wendy Moore, PHD  
P O Box 98  
330 W Ash Street  
Genesee, ID 83832  
until 3:00 p.m., May 25, 2018. Said bid will thereafter be publicly opened and read aloud at the above address by the district representative. Bids received after the above mention time and date will not be considered.
3. Bids must be on the forms furnished in bid documents or must be identical copies with all blank spaces filled in by bidder. Bids specification, and contract documents may be obtained from  
Joseph H Walkenhauer  
Project Designer,  
P O Box 1521  
Yakima, WA 98907 or walkenhauer@aol.com, or fax (509)248-9251, telephone (509) 248-9070/(509) 941-0095
4. Genesee School District# 282 reserves the right to accept or reject any and all bids, or items within the bid or to waive informalities, or to accept bid(s) deemed to be in the best interest of the school district.
5. Bidder shall immediately upon being notified that they are the successful bidder, enter into an Agreement within ten (10) days with Genesee School District# 282, pursuant to all terms and conditions contained herein.

**Part I**  
**INSTRUCTIONS TO BIDDERS**

1. A non-mandatory pre-bid conference and walk-through will be held on Friday, May 11, 2018 @11 :30 a.m. meet at the office of the Superintendent, Genesee Joint School District #282, P O Box 98, 330 W Ash St, Genesee, ID 83832. Contractors who do not attend the pre-bid conference and site walk-through will not be disqualified from bidding, but there will be no other time set aside to inspect the building or meet with the owner.
2. It is the bidder's duty to submit their bid on or before the hour and specified date. Genesee Joint School District # 282 shall assume no responsibility for delays of US Mail service, or other delivery which may result in a late arrival.
3. Genesee Joint School District #282 does not guarantee the accuracy of any measurements or difficulty of the project in this document. It is the sole responsibility of the bidder to measure all areas on his own behalf for accuracy and difficulty of the project and to bid accordingly.
4. To receive consideration, bids received shall comply with all requirements of Invitation to Bid, Instructions to Bidders, Bid Form, General Conditions and Regulatory Conditions.
5. Bid proposals shall be on the form provided herein. The completed forms shall be in ink or type written and signed by the bidder with his usual signature, with the name of the firm and title of signer printed or typewritten under it. Alterations or erasures shall be stated clearly in ink or typewriter and shall be initialed by the bidder.
6. Should discrepancies or omissions occur in the specifications or should the bidder be in doubt as to their meaning, notify Genesee Joint School District Superintendent; Wendy Moore, PHD (208)-285-1161 or Project Consultant; Joseph Walkenhauer, MP, PD at (509) 248-9070 A written correction or addenda will then be sent to all bidders. The District will not be responsible for oral interpretations.
7. Owner reserves the right to accept or reject any and all bids or items within the bid or to waive informalities, as deemed to be in the best interest of the school district.
8. Any bid may be withdrawn prior to the scheduled closing time for receipt of all bids.
9. No bid may be withdrawn after the above scheduled time for receipt of bid for a period of at least thirty (30) days. Prices shall be firm for this period.
10. Successful bidder shall within ten days of receipt of written notification of award submit to Owner: proof of Contractors License, state and local business license, employee state asbestos certification, and liability insurance.

# **Bidder's Checklist**

## **BIDDER'S CHECKLIST**

This checklist has been furnished to aid bidders in preparation of their bids. Bidder's submittals should include:

Bid Form

Agreement

Acknowledgement of Addenda Form

All forms must be completely filled out.

**Part I**  
**Bid Form**  
**PROPOSAL FOR ASBESTOS REMOVAL AND DISPOSAL of TSI**  
**and CAB**

**Genesee Joint School**  
**Board of Directors**  
**Genesee Joint School District #282**  
**P O Box 98**  
**Genesee, ID 83832**

The undersigned having familiarized themselves with the conditions, the work, the contract documents prepared by Joseph H Walkenhauer, Project Designer, and approved by Genesee Joint School District #282; the undersigned agree to furnish all labor, equipment, materials and service necessary to complete the asbestos removal, and disposal of asbestos containing CAB and TSI as described in the plans and specifications and contract documents including all addenda as follows:

1. Base bid "Not to include Sales Tax"

Provide all the labor, equipment, materials and service required to complete all the work as specified herein for the total lump sum of \_\_\_\_\_ dollars, (\$ \_\_\_\_\_)

2. "Per Unit" Price for Additional Units

a) elbows \_\_\_\_\_ each                      c) pipe per ln ft \_\_\_\_\_  
b) joints \_\_\_\_\_ each                      d) CAB sheets \_\_\_\_\_ each

2. The Contractor acknowledges receipt of the following:

Addendum No. \_\_\_\_\_ Dated \_\_\_\_\_  
Addendum No. \_\_\_\_\_ Dated \_\_\_\_\_  
Addendum No. \_\_\_\_\_ Dated \_\_\_\_\_

and certifies that the contractor is a licensed and bonded contractor, licensed to perform all conditions specified in the specifications and contract documents holding, Idaho State Public Contractors License \_\_\_\_\_

Abatement Contractor License \_\_\_\_\_ (number) Telephone \_\_\_\_\_

Bidders Firm name \_\_\_\_\_

Address \_\_\_\_\_

City, State, Zip \_\_\_\_\_

By (type or print) \_\_\_\_\_

By (signature) \_\_\_\_\_ Date \_\_\_\_\_

Contractor's Tax I.D. Number \_\_\_\_\_



Part I  
CONTRACT AGREEMENT

This agreement made the \_\_\_\_\_ day of \_\_\_\_\_, 2018.

Between the Owner:

*Genesee Joint School District #282,  
P O Box 98,  
330 W Ash St,  
Genesee, ID 83832*

and

the Contractor:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

The Project: Asbestos Removal and Disposal Thermal Systems Insulation (T.S.I), on boiler, tank, piping, elbows and joints throughout the old Boiler room, and Cement Asbestos Board Sheets from the Old Welding booths At Genesee Joint School.

The Owner and Contractor agree as set forth below:

The Contractor, under the direction of Genesee School District# 282, acting for the purposes of this contract as its agent, furnish all of the materials and perform all of the work described in the specifications as prepared by the Owner and shall do everything required by this agreement and the general instructions of the bid for the sum of \$ \_\_\_\_\_dollar. Said general instructions of the specifications, together with this agreement, form the contract and they are as fully a part of the contract as if hereto attached to herein repeated.

The work to be performed under this contract shall commence when directed by the Owner: no later than \_\_\_\_\_ and shall be completed no later than \_\_\_\_\_.

# STATEMENT OF INTENT TO PAY PREVAILING WAGES

The Contractor and any subcontractor(s) shall file a Statement of Intent to Pay Prevailing Wages with the Idaho State Dept of Labor certifying the rate of hourly wage including benefits to be paid each classification of laborers, workmen, or mechanics employed by the Contractor and subcontractor(s) which shall be no less than the prevailing rate of wage. No payment shall be made to the Contractor or subcontractor(s) until such statement and supplemental statements which may be necessary shall be filed and approved in accordance with the practices and procedures required by the Idaho State Department of Labor. The Contractor and any subcontractor(s) shall be liable for any wages due his employees until a copy of the approved Statement of intent to Pay Prevailing Wages is received by the Owner.

In the event of any labor dispute arising in execution of the contract as to what the prevailing rate of wages for work of a similar nature, and such dispute cannot be adjusted by the parties involved, the matter shall be referred for arbitration to the State of Idaho Department of Labor. The Contractor shall provide a list of the subcontractor(s) to the Designer and the Owner.

## CERTIFICATE OF COMPLIANCE

The Contractor shall submit a Certificate of Compliance to the Owner if said Contractor wishes to start prior to receiving the approved Statement of Intent to Pay Prevailing Wages. This Certificate of Compliance must be submitted prior to work commencing.

## AFFIDAVIT OF FINAL WAGES PAID

At the end of the contract, the Contractor and subcontractor(s) shall file an Affidavit of Final Wages Paid for each classification of workers in compliance with the regulations of the Department of Labor Wage and Hour Division.

Final payment cannot be made until this statement and statements which may be necessary have been filed, approved by the Idaho State Department of Labor and received by the Designer and Owner.

## PENAL TY PROVISION

If the Contractor fails to complete work on or before the established date, he agrees that from compensation otherwise to be paid, the Owner may retain, for each and every calendar day the work is not completed beyond the established date, \$ 200.00 as an inconvenience cost, plus any other costs that may accrue due to failure of the Contractor to complete the work in the prescribed time frame. The Owners' estimated completion time is 10 working days from start date.

## PAYMENT

The Owner shall pay the Contractor for the performance of the contract in installments as follows:

On or about the 30th of the month, the portion of the contract completed will be paid, but not to exceed 90% of the contract amount, providing the Owner has received by the 10th of the month an invoice, a list of subcontractor (s), and the Statement of Intent to Pay Prevailing Wages signed by the proper governing agencies. When the contract is complete, the final payment of 10% or more will be paid after 30 days have elapsed following final acceptance, by the Owner, of the work, and the Affidavit of Final Wages.

Paid have been signed by the proper governing agencies. All payments shall be made upon written document to the Owner that such payments are due, and that work has been accepted by the Owner as having been satisfactorily completed in accordance with the terms of the bid.

It is further mutually agreed between the parties hereto that no certificate given, or payment made under this contract except the final certificate or final payment shall be conclusive evidence of the performance of the contract, either wholly or in part, and that no payment shall be construed to be an acceptance of defective work or improper material.

IN WITNESS THEREOF of the parties hereto have executed this agreement as of this day, month and year above written.

Genesee Joint School District #282

P.O. Box 950

121 10th Street

Genesee, WA 99347

By: \_\_\_\_\_

Wendy Moore, Superintendent

(Contractor)

By: \_\_\_\_\_

Authorized Signature

Contractors Registration Number:

\_\_\_\_\_

**Part I**  
**CERTIFICATE OF COMPLIANCE**

We certify as the Contractor for the Genesee Joint School District# 282 that a Statement of intent to Pay Prevailing Wages as required; has been submitted to the proper regulating agencies by the Contractor or subcontractor( s) prior to commencing work of the contract to Genesee School District

Contractor)

By: \_\_\_\_\_

Authorized Signature

Contractors Registration Number: \_\_\_\_\_

# **CERTIFICATE OF COMPLIANCE WRITTEN RESPIRATOR PROGRAM**

I/we certify as the Contractor for the Genesee Joint School District #282, our firm has a written respirator program that meets all requirements specified by ANSI Z-88.2-1980, Practices for Respirator Protection and Idaho Code 050.06 Respirator Protection and we further certify that all provision of this respirator program are strictly followed and enforced.

(Contractor)

By: \_\_\_\_\_

Authorized Signature

Contractors Registration Number: \_\_\_\_\_

## **Part I**

# **INDEMNIFICATION AGREEMENT**

1. As a part of the Owner-Contractor agreement, the Contractor who has been approved by the owner, shall execute the Asbestos Abatement Indemnification Agreement, as bound herein.
2. The Asbestos Abatement Contractor Indemnification Agreement shall be executed and submitted to the Owner in not less than triplicate.
3. The executed Asbestos Abatement Contractor Indemnification Agreement shall be submitted within five (5) days after the Owner's approval of the proposed Asbestos Abatement Contractor. Failure to submit in accordance with the established procedure may cause the apparent low bidder's proposal to be rejected, and allow the Owner to award the contract to another bidder.

# **ASBESTOS ABATEMENT CONTRACTOR INDEMNIFICATION AGREEMENT**

This agreement is made this \_\_\_\_\_ day of \_\_\_\_\_, 2018 between \_\_\_\_\_ Contractor, with the low bid to the Genesee School District# 282 for Asbestos Removal Project and Boiler demolition known as; Removal and Disposal of asbestos containing thermal system insulation (T.S.I.) from the boiler, hot water tank, pipes, elbows, and joints in the old boiler room, pump room and classrooms 011, 012, 005, 001. 103 and the old Main Gymnasium and Cement Asbestos Board (CAB) from the Welding Booths at Genesee Joint School District #282, herein referred to as the Owner or District.

## **STATEMENT AND ACKNOWLEDGMENT**

The Owner has solicited bids for the removal of asbestos containing T.S.I. and C.A.B. from the building describe herein (the project work or job description). The Asbestos Project Designer; Joseph Walkenhauer of Yakima, Washington has prepared plans and specifications to be followed in compliance with E.P.A. A.H.E.R.A requirements in connection with the removal of asbestos containing thermal system insulation (T.S.I.) from the boiler, hot water tank, pipes, joints, elbows & Cement Asbestos Board (C.A.B.) from the welding booths located at Genesee Joint School, Genesee School District# 110. The Contractor is the successful bidder on the project work has represented and hereby represents to the Owner that;

- (1.) The contractor has had experience in removing asbestos containing materials, as describe herein from buildings and knows the proper method of removal and disposal of such materials
- (2.) The contractor is familiar with compliance of all Federal, State, and Local rules and regulations pertaining to this type of work
- (3.) The contractor is familiar with and will comply with all worker safety and health requirements in dealing with asbestos containing materials as describe herein. The contractor agrees to direct and assume responsibility for the safe and lawful performance of the project work and the safe and lawful performance of the Contractors workers and subcontractors.

## **AGREEMENT**

As part of consideration for payment by the Owner to the Contractor of the sum set forth in the contract between the parties, the Contractor hereby agrees to indemnify to the fullest extent permitted by law and hold harmless the Owner, The Project Designer and the Project Manager and their agents and employees from and against any claims, damages, attorney fees and other expenses including but not limited to loss arising or resulting from the performance of the Contractor' work, provided that such claim, damage, loss, or expense is attributable to bodily injury, sickness, disease or death, injury to or destruction of tangible property including the loss of use resulting there from.

This agreement is in addition to, and not in lieu of, other provisions of the contract, General Conditions, Special Conditions, and Specifications Agreement between the Owner and Contractor.

(Contractor)

By: \_\_\_\_\_

Authorized Signature

Contractors Registration Number: \_\_\_\_\_

**CONTRACTOR'S AFFIDAVIT CONCERNING TAXES**

STATE OF \_\_\_\_\_

COUNTY OF \_\_\_\_\_

Pursuant to the Title 63, Chapter 15, Idaho Code I, the undersigned, being duly sworn, depose and certify that all taxes, excises and license fees due to the State or its taxing units, for which I or my property is liable then due or delinquent, has been paid, or arrangements have been made, before entering into a Contract for construction of any public works in the State of Idaho.

Name of Contractor \_\_\_\_\_

Address \_\_\_\_\_

City and State \_\_\_\_\_

By: \_\_\_\_\_

(Signature)

Subscribed and sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_

Commission expires: \_\_\_\_\_, \_\_\_\_\_

NOTARY PUBLIC, residing at

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## **PART II**

### **GENERAL DESCRIPTION OF WORK TSI/CAB Genesee Joint School, Genesee, WA**



# Specifications

## Part II

### *GENERAL CONDITIONS*

The "General Conditions of the Contract for Construction," A.I.A. Document A201-2017, are hereby made a part of this contract.

#### 1. THE OWNER OR DISTRICT

Where ever the term Owner or District is used in the specifications, it refers to the Genesee Joint School District # 282, Genesee, Idaho.

#### 2. ARCHITECT

The terms Design or Designer may be substituted where Architecture or Architect appear without changing the meaning of the remainder of the article. For the terms of this project, the word "architect" as used in the A.I.A. Document A201 2017, shall be construed to-mean "asbestos abatement consultant". This in no way suggests or confers the practice of architecture by the asbestos abatement consultant, but rather serves to delineate the interaction of the contractor, asbestos abatement consultant and owner.

#### 3.. THE OWNER'S LEGAL CORRESPONDENT

When required to correspond with the owner all such correspondence shall be addressed to:

Wendy Moore, PHD,  
Superintendent  
Genesee School District  
P.O. Box 98  
Genesee, ID

#### 4. CONTRACT DOCUMENTS

The contract documents consist of the agreement between parties, performance specifications, task and duties, the conditions of the contract, the specifications, the proposal and submitted by the contractor and approved upon and incorporated in these documents before their execution.

#### 5. INTENT OF DOCUMENTS

The intent of the documents is to clarify Contractor and Owners responsibilities in the removal of asbestos containing thermal system insulate (T.S.I) and boiler removal at Genesee Joint School and include all labor, materials, equipment, transportation and all other items necessary for the proper execution of the work.

#### 6.PERMITS, POWER, ETC.

The contractor shall obtain and pay for the building permit or other permits, inspection fees, license royalties, bonds, social security and unemployment compensation, and for all labor, materials, equipment and other expenses necessary for the proper completion of this contract. The owner shall furnish access to water and power at no charge to the contractor.

## 7. LABOR

A. The Contractor shall familiarize himself with the project site, condition of the site, and the scope of work including quantities involved prior to the bid date. Failure to do so does not relieve the Contractor of responsibility for performing the work in accordance with the Contract Documents.

B. A unfit person includes any person who has not received the required training on respirator protection and the standard operating procedures for asbestos abatement work in accordance with the State of Idaho Regulations, or where medical records indicate the person should not participate in this work, as defined by OSHA and noted and required in these specifications, if assigned to asbestos removal work.

C. The Asbestos Supervisor is defined as one who has provided evidence of training and knowledge of applicable regulations and expertise in worker safety and environmental protection as evidenced by the participation and successful completion of a training course offered by an EPA endorsed educational institution, that qualifies this worker as an "Asbestos Supervisor" according to EPA definition.

D. The Contractor shall be responsible for and shall so conduct himself so as to prevent any reasonable, avoidable stoppage of work by action or organized labor due to an act or omission of the Contractor or of his employee or agent.

Discrimination in all phases of employment is prohibited by Title VI of the Civil Rights Act of 1964, Presidential Executive Order 11246 as amended by Executive Order 11375 the Idaho State Law Against Discrimination Chapter and Age Discrimination Act of 1975, P.L. 94-135.

## 8. SUPERINTENDENT

The Contractor shall deal directly with the Owner or the Owner's Representative on all matters. The Contractor shall at all times have a competent person in charge and directing the work who shall have experience in all phases of the work. Anyone not being certified EPA Asbestos Supervisor, competent shall be removed at once upon the request of the Owner and replaced by someone who is acceptable. The Contractor shall endeavor at all times to coordinate the work being performed by his subcontractors. Any foreseen difficulties or conflict shall be promptly settled to avoid delay in construction and are the direct responsibility of the Contractor.

## 9. SCHEDULE OF WORK

A. A abatement conference is to be scheduled by the Owner, the Contractor shall furnish Owner with detailed schedule of work to be done. The Contractor's schedule shall fall within the Owner's time line as set forth for starting and completion of the project. The Contractor' schedule shall include a beginning and ending date and approximate percentage of work to be completed per week from the beginning of the project.

B. The work shall commence immediately after notice to proceed is given by the Owner and shall be carried forward with all reasonable speed to completion. The Contractor shall maintain a uniformed rate of work progress as outlined in his work schedule, which will. Be adequate to complete the work within the specified time line.

## 10. PROGRESS AND COMPLETION

A. Work shall be started on or before date set forth by the Owner in written "Notice to Proceed", which is anticipated to be \_\_\_\_\_ and shall be fully complete on or before \_\_\_\_\_

## 11. WAGES

A. Contractor shall comply with OSHA and State of Idaho Dept of Labor relating to prevailing wages of public workers.

B. No workmen, laborer or mechanic employed in the performance or any part of this contract shall be paid less than the prevailing wage rate as determined by the Industrial Statistician of Idaho, Schedule of Prevailing Wages.

C. Contractor' honor of labor shall comply with applicable labor laws relating to hours of labor.

## 12. REGISTRATION

Registration of Contractor shall comply with Idaho Code - 54-5204, relating to registration of Contractors.

## 13. SAFETY

It shall be the responsibility of the Contractor to establish and maintain safe and healthy working environment in accordance with the standards set forth by the Idaho OSHA according to their administrative code.

## 14. PAYMENT

A. Payment for the work accomplished will be made on or about the 30th day of the month. Contractor shall submit a invoice to the Owner for approval on or before the 10th day of the month in order for payment to be made that month. After project completion the final payment shall be due pending the receipt of all submittals, certifications and logs to the Owner from the Contractor and the satisfaction of the Owner as to the completion of the work and progress.

B. The Owner must use reasonable discretion and normal work practice for the industry in determining satisfactory work and progress.

## 15. INSURANCE

A. The Contractor shall not commence work under this contract until he has obtained all the insurance required here under and such insurance has been approved by the Owner, nor shall the Contractor allow any subcontractor to commence work on his subcontract until all similar insurance required on the subcontract has been obtained and approved. Approval of the

insurance by the Owner shall not believe or decrease the liability of the Contractor thereby. Evidence of liability insurance shall be furnished on a "Certificate of Insurance" and shall include the Owner as additional insured.

Companies, writing insurance under this article shall be licensed to do business under the Surplus Line Law of the State of Idaho.

B. Without limiting any liabilities or any other obligations of Contractor, Contractor shall, prior to commencing work, secure and continuously carry with insurers acceptable to Owner the following insurance coverage:

Employer's Liability insurance with a limit of not less than: \$ 1,000,000

Comprehensive, General Liability insurance with a minimum single limit of \$1,000,000 to protect against and from all loss by reason of injury to persons or to property, including Contractor employees and all third persons, and property of Owner, and all third parties based upon and arising out of Contractor's operations hereunder, including the operations of its subcontractors of any tier. Will cover shall include contractual liability.

Except for Employers' Liability insurance, the policies required herein shall include provisions or endorsements naming Owner as additional insured.

All policies required by this Contract shall include provisions that such insurance is primary insurance with respect to the interests of Owners and provisions that such policies shall not be canceled or their limits of liability reduced without; (1) ten (10) days' prior written notice to Owner if canceled for nonpayment of premium, or (2) thirty (30) days' prior written notice to Owner if canceled for any reason.

C. The Contractor shall indemnify and hold harmless the Owner from and against all insurable losses, including claims, demands, payments, suites, actions, recoveries and judgements of every nature and descriptions brought and recovered against him by reason of any act or omissions of said Contractor, his agents or employees, in the execution of the work in the guarding of it A statement evidencing the provision of indemnity coverage shall be included in the Certificate of Liability Insurance issued to the school district.

D. The Contractor shall carry Worker' Compensation Insurance, such Worker' Compensation Insurance shall protect the Contractor from claims made by his own employees, the employee of any subcontractor and also, claims made by anyone directly or indirectly employed by the Contractor or subcontractor. The Contractor shall require each subcontractor similarly to provide Worker' Compensation Insurance.

E. The Contractor shall carry comprehensive and automobile liability insurance that shall provide coverage for both bodily injury, including accidental death and property damage which may arise out of the work under this contract, or operations incidental thereto, whether such work or operations by the Contractor, or by any subcontractor, or by anyone directly or indirectly employed by the Contractor or any subcontractor or by anyone whose acts, any of them may be liable. The Contractor shall maintain completed liability insurance required herein for a period of no less that ninety (90) days after final payment.

F. Insurance required herein shall be provided by insurance policy issued only by insurance companies currently authorized to do business in the State of Idaho. No Contractor or subcontractor shall commence work under this contract until all required insurance has been obtained and has been approved by the Owner. During the term of this

contract the Contractors shall have no less than ten (10) days prior to the expiration date on any policy for which the Certificate of Insurance is required delivered to the Owner.

#### 17. CERTIFICATE OF INSURANCE

A. The Contractor shall furnish the Owner with satisfactory proof of coverage of such insurance as outlined above. All policies and certificates must be signed copies and shall contain a clause agreeing that such insurance cannot be materially altered or cancelled without first giving ten (10) days written notification to the Owner.

B. The Contractor' Certificate of Insurance shall have no exclusions.

C. Within five (5) days after the Owner' approval of the proposal, the asbestos contractor, and the contractor shall submit to the Owner the complete certification of insurance. Failure to submit the certification of insurance in accordance with the established procedures may cause the apparent low bidder' bid to be rejected and allow the Owner to award the contract to another bidder.

#### 18. PENALTIES

Failure of the Contractor to comply with the requirements set forth in this section may result in the application of one or all of the following sanctions;

- 1.) Progress payment requests will not be honored until steps agreed upon by the Owner and Contractor have been taken,
- 2.) The Contractor may be cancelled or terminated,
- 3.) The Contract may be suspended in whole or in part until such time as the Contractor is determined to be in compliance by the Owner or the Owner' designated agent,
- 4.) The Contractor may be declared ineligible to further contract for construction projects.

#### 19. SUBCONTRACTORS AND/OR SUPPLIERS

Divisions in these specifications conform generally to customer trade practice; they are intended for convenience only. The owner is not bound to define the limits of any subcontractor and will not enter into dispute between the contractor and his employees, INCLUDING SUBCONTRACTORS AND/OR SUPPLIERS.

20. Furnish a list of proposed subcontractor and suppliers; obtain Owner' approval before awarding any subcontract.

**AIA 201-2017  
Documents**

## **PART II SUPPLEMENTARY CONDITIONS**

### **WORK COVERED BY CONTRACT DOCUMENTS**

The work of this contract is comprised of the removal and disposal of asbestos containing T.S.I From the boiler, hot water tank, elbows, joints and pipes and from rooms 011, 012, 005, 001, 103, and the old gym and the removal and disposal of asbestos containing Cement Asbestos Board from the welding booths from Genesee Joint School District, Genesee School, 301 W Ash, Genesee, ID.

#### **Pump Room**

120 sq ft from tank  
88-joints, elbows, valves

#### **Boiler Room**

1-Main Header  
1-Heating Duct Box 2 ln ft 5 ln ft  
22-joints, elbows, valves

#### **Rooms 011, 012, 005, 001, 103**

Approximately 3"ln of asbestos at ceiling of old pipe insulation

#### **Old Main Gymnasium**

2 Air Handlers 6 joints and elbows on each unit (total of 12)

#### **Welding Booths**

Approximately 24 cement asbestos board sheets

# SUMMARY OF WORK

## WORK LOCATION

A Genesee Joint School;

1. Pump Room

Removal and disposal of all asbestos Thermal System Insulation (T.S.I.) on  
.Hot water tank appx 120sq feet on the  
T.S.I. piping, joints and elbows approximately 88 each

2. Boiler Room

Elbows and joints various size throughout approximately 22ea  
Heating Duct Box approximately 2ln ft x 5ln ft  
Main Header above boiler

3. Class Rooms 011, 012, 005, 001, 103

Insulation from the old heating system pipes in ceiling of classrooms 011, 012, 005, 001, 103  
Approximately 3 ln in per room

Cut and wrap method may be used on pipes that are no longer in use by the Owner.

4. Ag Shop/Welding Room

Removal and disposal of all asbestos Cement Asbestos Board (CAB) from the old  
welding booths, approximately 600 sq. feet.

Plan specifics are only for those items listed and marked; any other materials are not part of this project work. All measurements are approximate; it is up to the bidder to measure and bid accordingly.

B. The Contractor shall furnish, at their expense all materials, labor, equipment and other articles and devices which are required for a complete and proper removal in a timely and professional manner.

C. The Contractor shall remove all debris, signs, asbestos waste, and materials and equipment used in the removal of asbestos materials from all project sites immediately upon completion.

D. The Contractor shall be completed with all of the project and leave the project sites free from debris, hazards, or attractive nuisances on or before completion date set forth in this contract.

E. Completeness of Documents: It is not the intent of these documents to describe or illustrate every response to the scope of work in detail. Where there is a question of omission between the scope and details, the scope governs the project duties; Therefore, the Contractor shall allow a sufficient amount to cover all costs of response to similar conditions, and incidental work not indicated herein, but which may be anticipated in work of this type.

F. If in the event conflicting or overlapping requirement occur, the most stringent and generally, most costly will apply, and be enforced, unless specific detailed language, written directly into the contract documents, clearly indicates that a less stringent requirement may be used. All uncertainties will be referred to the Owner for decisions before proceeding.

## CONTRACTOR'S USE OF PREMISES

School will not be in session; the Contractor shall barricade off and place "danger" signs: DO NOT ENTER, to all entries and exits of the work area. The Contractor shall limit his use of the premises to work and work-related occupancy. The Contractor shall store equipment and materials in locations designated by the Owner and it shall be the full responsibility of the Contractor for the protection and safekeeping of all items stored on the work sites. The Owner assumes no responsibility for Contractors equipment.

## COMMUNICATIONS

All communications with the Owner during the project work period shall be through the District Superintendent, or owner's representative. No agreements with any other persons will be honored for purposes of clarification of intent or change of work.

## REQUIREMENTS

A. The Contractor shall ensure that all asbestos removal people are trained in the safe methods and procedures for the abatement of asbestos. All workers shall be certified as "*Certified Asbestos Workers*" by an EPA Accrediting State Certification and copies of workers certification will be given to the district before the contractor starts any work.

B. The job foreman shall be qualified and designated an "*Asbestos Supervisor*" as required in 29 CFR. A copy of the job foreman's Supervisor certification will be given to the district before the Contractor starts any work. It shall be the Contractor' and the Supervisor that shall be completely responsible for all workers safety and compliance with all Department of Labor, EPA and OSHA approved worker protection. The Contractor shall have a written and approved respirator program. This program shall meet all requirements specified by ANSI 288.2-1980 practices for respiratory protection The Contractor shall certify that all provisions of his respirator program are followed and strictly enforced. A copy of the respiratory program and signed certified compliance shall be given to the district before the Contractor starts any work.

D. The Contractor shall provide ALL P.C.M. air monitoring and laboratory analysis of air monitoring sampling, using an NVLAP accredited laboratory, and will follow all Federal and State asbestos regulations pertaining to air monitoring on this type of project, and shall pay for all costs pertaining to said air monitoring and analysis. Copies of all air monitoring results shall be submitted to the Project Designer and Schools Project Manager within twenty-four hour (24) from the Contractors receipt from the laboratory- in no case longer than 48 hours after work is completed.

E. The first set of clearance aggressive T.E.M. air monitoring shall be the responsibility and cost of the Owner. The Contractor shall be required (at no charge to the Owner), to re-clean the work area if; final T.E.M. air sampling done by the Owner's representative doesn't meet E.P.A A.H.E.R.A Standards for clearance air.

F. The Contractor shall determine the actual concentrations of airborne fibers existing in and adjacent to the work area by air monitoring as required by 29 CFR 1926 and 29 CFR 1910 and these specifications.

G. The Contractor shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 0.1 fibers per cubic centimeter (0.1 f/cc) of air as an eight hour timeweighted average (TWA) as determined by the method prescribed the EPA.

H. The Contractor shall submit an approved safety procedures plan to be followed in the event of serious personnel injury. Aid to the injured shall take precedence over other requirements of this specifications.

I. The Contractor shall have a person on the job at all times that is a designated safety officer. That person shall have a valid first Aid Card.

J. The Contractor shall provide and direct personnel protection for all job site hazards.

K. The Contractor shall provide approved respirators, protective clothing, headgear, eye guards, gloves and footwear.

L. The Contractor shall provide protective clothing and access to all work areas for the purpose of inspections and testing to the Owner's representatives or regulatory agencies. LADDERS, SCAFFOLDS AND ELEVATING WORK PLATFORMS. The Contractor shall comply with all OSHA and State of Idaho Department of Labor safety and health standards and requirements.

## RESPIRATORY PROTECTION

A. The Contractor shall provide employees or others required to enter the abatement personal respirators marked approved by N.I.O.S.H and M.S.H.A . and provide H.E.P. A canisters and H.E.P.A. replacement canisters for respirators with disposable filters. These canisters shall be designated and recommended by the manufacturer for use on the respirator.

B. The Contractor shall provide respirators, and ensure that they are used, where required Respirators shall be used but not limited to the following circumstances:

1. During the interval necessary to install or implement feasible engineering and work practices.
2. In work operations, such as maintenance and repair activities for which engineering and work practice are not feasible.
3. In work situations where feasible engineering and work practice controls are not yet sufficient to reduce exposure to or below the exposure limits.
4. In emergencies.



5. In all regulated areas.
  6. Whenever employee exposure exceeds the P.E.L.
- C. The use of disposable paper type respirators is strictly prohibited.
  - D. In all cases, personnel protection shall follow all Federal, state and local rules and regulations pertaining to asbestos removal to this type and nature.

## PERSONNEL PROTECTION PROCEDURES

- A. The Contractor shall determine the concentration of airborne fibers on all jobs sites, work areas, and workers during the course of the work as required by 29 CFR 1926.58.
- B. The Contractor shall keep a log of all workers and visitors who enter the asbestos work areas. That log shall contain the name and signature of each individual, time of entering and leaving and purpose for visit.
- C. The Contractor shall ensure that employees remove work clothing contaminated with asbestos only in change room provided in accordance with applicable rules and regulations and shower before entering the clean room.
- D. All asbestos work shall be done inside a negative pressure containment work area, with a 3- Stage deacon with shower and separate waste load-out connected to the work area. It is the Contractor's responsibility to set-up and maintain as required, all neg air, deacons/shower/waste load-out, respirator protection, per OSHA/EPA and Department of Labor requirements,
- E. Workers removing waste from the waste load-out area shall enter the area from outside wearing a H.E.P.A canister-type respirator and clean overalls. This area is not to be used for access or exiting from a regulated work area.
- F. All personnel shall wear and utilize protective clothing and equipment as specified herein. Eating, smoking or drinking shall not be permitted in asbestos control area.
- G. Personnel of other trades not engaged in the asbestos removal and demolition of asbestos, shall not be exposed at any time to airborne concentrations of asbestos. The Contractor shall at all times, comply with all applicable federal, state and local regulations pertaining to said work.

## NOTIFICATION

- A. The Contractor shall clearly post the decontamination and work procedures to be followed by workers.
- B. The Contractor shall notify each employee, within five (5) days, who was exposed to airborne asbestos fiber above the P.E.L. and the corrective action being taken to prevent the reoccurrence of such exposure.

### SUPERVISION

The Contractor shall, at all times, have continuous supervision during asbestos removal work.

## MEDICAL EXAMINATION AND RECORDS

- A. The Contractor shall provide medical examinations for employees at no cost to the employee and shall maintain records of examinations with OSHA Regulation 29 CFR- 1910 and 29 CFR 1926.077.
- B. There shall be up-to-date, complete and accurate records of employees' medical examinations in accordance with the mandatory standards for a period of thirty (30) years after termination of employment.

## METHODS

- A. This section defines the primary types of testing to be done, but not all types of testing. Testing called for in other parts and sections of the specifications also apply.
- B. Low volume air sampling pumps shall operate at flow rates of 0.5 to 2.5 liters per minute for personal monitoring and high volume IO liters per minute for area and clearance sampling, or as agreed upon by the Owner and Contractor.
- C. The Contractor shall provide both personal and area monitoring during the start of all asbestos project operations to determine the representative 8 hour TWA exposures. Protective equipment and method to be used will be determined in part by the above sampling results. This testing and the analyzing of tests will follow all Federal and State rules and regulations and document specifications for monitoring airborne fibers in the work place and environment.
- D. If, at any time, air monitoring indicates that the P.E.L. has been reached or exceeded for the respirator protection in use, STOP WORK. Correct the conditions causing excessive airborne levels, bring the P .E.L. down

to comply with respirators in use or change the levels of respirator protection to meet the requirement of the environment and notify the Owner.

E. The Contractor shall take samples in areas adjacent to both regulated and non-regulated work areas, outside the building containing the work areas at the exhaust of the negative air machines. There shall be a minimum of five (5) environmental samples taken, three (3) samples, more may be taken for any reason if the Contractor deems it necessary. If levels measured within a regulated area remain at or below 0.0 f/cc, environmental sampling may be reduced with the Owner's approval.

## CLEARANCE AIR MONITORING

A. Final clearance sampling will be conducted at the locations described in the Contractor's approved work plan and said sampling shall follow all requirements specified in the General and Technical Requirements.

B. After the work location has passed the visual inspection by the Owner's consultant for area and air cleanliness, but prior to the enclosure removal, aggressive air monitoring shall take place by the consultant using T.E.M. method, to establish the asbestos airborne fiber count. This fiber count must comply with all Federal, E.P.A. A.H.E.R.A. regulations defined in 40 CFR 763 and current E.P.A. A.H.E.R.A. standards and specifications of this document. If the required fiber count is not met, additional engineering techniques by the Contractor shall be performed to meet the required levels, at no cost to the Owner.

C. Aggressive sampling will not be required for final clearance testing for glove bag removal and abatement of non-friable materials where engineering techniques comply to all rules, regulations and specifications of this document.

## AIR MONITORING AND TESTING

A. Fiber concentration levels shall not exceed 0.01 f/cc using Phase Contrast Microscopy (P.C.M.) for the following sampling conditions:

1. Any sample taken from outside the work area while work is being performing.
2. Any sample taken to determine that abatement work has been successfully completed.

B. The Contractor shall perform during abatement work, air monitoring and testing inside and outside the work area in accordance with OSHA and WISHA requirements and these specifications.

C. The Owner, at their discretion, will perform the necessary monitoring, testing and reviewing to ensure that the Contractor has complied. The work of the Owner in no way relieves the abatement Contractor of his responsibility to perform continuous review, monitoring and testing and compliance with all services detailed in these specifications.

D. The Owner is responsible for the performance and cost of all T.E.M. monitoring analysis. This does not relieve the Contractor from P.C.M. clearance air monitoring and analysis.

E. T.E.M. clearance air monitoring shall be performed by the Owner after the Contractor has performed P.C.M. clearance monitoring. The Contractor shall notify the Owner that all P.C.M. clearance have passed, and the Owner may do final T.E.M. clearance air sampling per E.P.A. A.H.E.R.A. at this time. If, T.E.M. clearance air doesn't meet A.H.E.R.A. requirements, additional cleaning may be required by the Contractor at no cost to the District to meet A.H.E.R.A. requirement for clearance air.

## ASBESTOS COMPLETION

A. The Contractor shall notify the Owner in writing that the asbestos removal work is complete or about to be completed and all work performed by the Contractor complies with the terms of the contract and these specifications. This notification shall have a written statement clearly stating that all asbestos debris and other debris have been cleaned up and removed and that the Contractor conducted air monitoring and all levels of airborne fibers in or adjacent to the work areas are less than 0.01 fibers per cubic centimeter.

B. The Owner and Contractor will schedule a final inspection and meeting to confirm the completion of the project. At this time the Owner shall check all air sampling reports, safety records, log books, disposal receipts, Contractor's planning and work documents to make sure that the Contractor is in compliance with all contract and specification requirements. The Owner may at this time conduct air monitoring tests and take bulk samples of locations and materials where the Owner is unsure of their compliance with the contract and specification terms.

C. If the facility inspection and Owner's sampling results demonstrate that the asbestos removal work has left the

facility free from asbestos, then the asbestos removal work will be accepted by the Owner.

D. If, during this inspection, or through sampling results, the Owner determines that this removal work has failed to meet the contract and/or specification requirements, the Owner will notify the Contractor in writing, informing him of all deficiencies, and the Contractor shall re-clean the area until it meets District requirements (at no cost to the school district).

## CLEAN-UP

Upon completion of all work by the Contractor, all materials, equipment, structures, barriers, rubbish, and other materials that are the Contractor, workers, or sub-contractors or used during this project shall be removed from the work site and other areas owned by the District.

## FINAL PAYMENT REQUIREMENTS

A. Prior to final payment, the Contractor shall file the following certificates with the Owner:

1. The guarantee required by the General Conditions
2. Release or waiver of liens
3. Project logs
4. Air monitoring and laboratory results
5. Disposal site receipts
6. Material Product Data Sheets
7. L & I Affidavit of Prevailing Wages Paid

## WORK PREPARATION

The Contractor shall provide all barricades, warning signs, de-contamination stations, HEPA negative air systems, vacuums, and other items or materials needed to start work and comply with all regulations and these specifications.

## STOP WORK

The Owner has the authority to stop abatement work at any times he determines that conditions are not within the contract document specifications and/or applicable regulations. The stoppage of work shall continue until the Owner is satisfied that conditions have been corrected. All time spent to resolve corrective action shall be at the Contractor's expense.

## PERSONNEL PROTECTION

The Contractor shall protect personnel from exposure to asbestos fibers and other job site hazards as specified in these specifications and at all times comply with E.P.A., OSHA and WISHA regulations.

PART II  
Submittals

SUBMIT PRIOR TO START OF WORK

A. Submit a detailed plan of the procedures proposed for use in complying with the regulations included in this specification. The plan shall include the location and layout of enclosure areas, location of negative air machines and predicted air flow, air compressors, air locks, decontamination stations, showers and changing rooms, elements needed to perform the enclosure work task, sequence of asbestos work, methods to be used to assure the health and safety of building occupants and visitors to the sites, disposal plan, including location of disposal site and a statement from the disposal site operator that they accept asbestos waste, and an in depth detailed description of the methods to be employed to control pollution. There shall also be a detailed description of the methods used for the following: closing out of the building's HVAC system, portable HEPA ventilation system (negative air), method of removal of asbestos containing materials which will prohibit visible emissions in the. Work areas and the packaging of asbestos debris, temporary and permanent storage. Describe the transportation methods and sequence of the hauling of asbestos waste to the disposal site. Describe the procedure and sequencing for aggressive air sampling, personal air sampling of workers and clearance air sampling. Describe the procedure and sequencing for area. Lock-down.

B. To ensure that specific procedures are followed, and equipment is provided and used in accordance with the intent of these specifications, the Contractor shall submit the following documents to the Owner for review prior to commencement of work for approval or rejection:

1. Contractor's owned or leased equipment
2. Contractor's testing laboratory accreditation
3. Respirator Program
4. Written proof that all required permits and arrangements for transportation -and disposal of asbestos containing materials have been met.
5. Contractor's certifications, state licenses, insurance and bonding
6. Contractor schedule
7. Copies of Contractor's notifications and permits
8. Notification of Intent to Remove Asbestos
9. State Asbestos Worker Certificates and State Asbestos Supervisor Certificates
10. A statement from the Contractor that all records of employees, certifications, and medical examinations are accurate, up to date and available for inspection. ie. Submit manufacturer's certification that all HEPA equipment vacuums, ventilation and negative air equipment and other equipment required to contain asbestos airborne fibers conform to ANSI Z9.2 and HEPA filters show UL-586 listing.
11. Complete product information for any materials and products to be used on the job other than those specified.
12. Submit manufacturer's data for coveralls, head gear, boots, gloves, encapsulants, surfactants, glove bags.
13. Submit a material safety data sheet for all encapsulants, surfactants, solvents, detergents, or other chemicals used on the project.
14. Site security procedures

SUBMIT TO THE OWNER.DURING WORK

- A. Copies of all laboratory test results for airborne asbestos fibers.
- B. Submit on a daily basis to the Owner all worker air zone. breathing sample test results.
- C. Submit all clearance air test results.
- D. Submit all asbestos disposal forms, completely filled out and signed, and tickets or receipts from disposal sites and the total amount of material disposed.

GENERAL

- A. The Contractor shall secure all necessary approvals from all trades, public agencies, and others, and show proof that all required approvals have been obtained and met, prior to Starting work.

B. The Contractor will verify in writing that he has checked and verified all field measurements, asbestos quantities, material amounts needed to complete project and understands all requirements of the work and of the contract documents.

## **REGULATORY REQUIREMENTS**

### **REQUIREMENTS INCORPORATED**

A. The Regulatory Requirements listed in this section are directed to the abatement of asbestos and related work. All work asbestos or other shall be done in full compliance with publications listed in this section as well as the Uniform Building Code, Uniform Plumbing and Electrical Code, and as specified herein. The Contractor is required to have current knowledge of any changes in Regulatory Requirements of all applicable regulations whether or not they are referenced herein,

B. Copies of the regulations relating to E.P.A., OSHA, Department of Transportation, the State of Idaho Department of Ecology, and the Department of Labor Safety and Health Administration are hereby incorporated, be reference into these specifications.

### **ALL WORK SPECIFIED**

A. Part I. BIDDING AND CONTRACT REQUIREMENTS

B. Part II. GENERAL DESCRIPTION OF WORK

C. Part III. TECHNICAL

APPLICABLE PUBLICATIONS

#### **A. TITLE 40 CFR PART 61**

ENVIRONMENTAL PROTECTION AGENCY HAZARDOUS AIR POLLUTION

I. Subpart A. General Conditions.

2. Subpart M. National Emission Standard for Asbestos

a. Section 61.141- Definitions.

b. Section 61.147- Standard for Demolition

c. Section 61.152- Standard for Waste Disposal

d. Section 61.154- Air Cleaning

e. Section 61.155- Reporting

f. Section 61.156 - Active Waste Disposal Sites.

#### **B. TITLE 29 CFR PART 1910**

OCCUPATIONAL SAFETY AND HEALTH

Section 1910.1001 Asbestos.

a. Subsection b - Permissible Exposure Limit.

b. Subsection c - Methods of Compliance.

c. Subsection d • Personal Protective Equipment.

d. Subsection e - Method of Measurement.

e. Subsection f - Monitoring.

f. Subsection g - Caution Signs on Labels.

g. Subsection h - Housekeeping.

h. Subsection i - Recordkeeping.

1. Subsection j - Medical Examination.

#### **C. TITLE 40 CFR PART 763 SUBPART G**

ENVIRONMENTAL PROTECTION AGENCY

Subpart G. Worker Protection.

a. Subsection 763.120 • Scope.

b. Subsection 763.121 - Regulatory Requirements.

c. Subsection 763.122 - Exclusions for State

d. Subsection 763.124 - Reporting.

e. Subsection 763.125 - Enforcement.

f. Subsection 763.126 - Inspections.

All appendices.

D. TITLE 40 CFR PART 763 SUBPART E

ENVIRONMENTAL PROTECTION AGENCY

Subpart E. Asbestos Containing Materials in Schools.

- a. Section 763.80 • Scope and Purpose.
  - b. Section 763.83 - Definitions.
  - c. Section 763.88 - Assessment.
  - d. Section 763.90 - Response Actions.
  - e. Section 763.94 - Recordkeeping.
- All appendices.

E. TITLE 40 CFR PART 763 SUBPART F

ENVIRONMENTAL PROTECTION AGENCY

Subpart F. Friable Asbestos - Containing Materials in Schools.

- a. Section 763.100 - Scope and Purpose.
  - b. Section 763.103 • Definition.
  - c. Section 763.111 • Warnings and Notifications.
- All appendices.

F. TITLE 29 CFR PART 1910

OCCUPATIONAL SAFETY AND HEALTH

Section 1910.134 Respiratory Protection.

- a. Subsection a - Permissible Practices.
- b. Subsection b - Requirement for Minimal Acceptable Program.
- c. Subsection c • Selection of Respirators.
- d. Subsection d - Filter Quality.
- e. Subsection e - Use of Respirators.

G. Subsection f • Maintenance and Care of Respirators

TITLE 29 CFR PART 1926

OCCUPATIONAL SAFETY AND HEALTH

Section 1926.58 Asbestos, tremolite, anthophyllite and actinolite.

- a. Subsection a • Scope and Application.
  - b. Subsection b • Definitions.
  - c. Subsection c - Permissible Exposure Limits (PEL).
  - d. Subsection d • Communication Among Employers.
  - e. Subsection e - Regulated Areas.
  - f. Subsection f - Exposure Monitoring.
  - g. Subsection g • Methods of Compliance.
  - h. Subsection h • Respiratory Protection.
  - i. Subsection i • Protecting Clothing.
  - j. Subsection j • Hygiene Facilities and Practices.
  - k. Subsection k - Communication of Hazard to Employees.
  - l. Subsection l - Housekeeping.
  - m. Subsection m • Medical Surveillance.
  - n. Subsection n - Recordkeeping.
- All appendices.

H. TITLE 49 CFR PART 178

TRANSPORTATION

Shipping Container Specification Regulation.

- 1. Other Federal Publications;

I. Environmental Protection Agency PART II EPA 560/5-85•024,

Guidance for Controlling Asbestos Containing Buildings.

- 2. Military Standard (Mil. Std.):

MIL-STD-101B, Color code for Pipelines and for Compressed-Gas

J. Federal Standard (Fed. Std.):

Fed. std. 313B, Material Safety Data Sheets

Fed. Std. 595, Colors and Notices 2, 3, 4, 5, 6, 7, & Errata 8, 9

K. American National Standard Institute (ANSI):

PART II Z9.2-79, Fundamentals Governing the Design and Operation of Local Exhaust Systems

248.1-78, Standard Method of Marking Portable Compressed Gas Containers.

Z86.I (CGA G-7.1) Commodity Specification for Air.

288.2-80, Practices for Respiratory Protection.

L. Underwriters Laboratories, Inc. CUL)

586-85, Task Performance of High Efficiency Particulate Air Filter Units.

M. Compressed Gas Association Standard for Requalification of Pamphlet C-8 ICC- 3ITT  
Cylinders.



## SUMMARY OF REQUIREMENTS

A. The Contractor shall meet the following Regulatory Requirements:

1. Notify ASBESTOS NESHAP Coordinator Roylene Cunningham, of asbestos removal.
2. Notify EPA Region 10 of Intent to Remove Asbestos.
3. Notify Owner of approved disposal sites and carrier.
4. Provide the Owner's Representative with a copy of the Contractor's written respirator program.
5. Provide the Owner's Representative with copies of "Qualified Asbestos Worker Certificates".
6. Provide employee records.
7. Maintain employee records.
8. Provide work area air monitoring.
9. Provide negative air pressure equipment.
10. Provide respirators and protective clothing,
11. The Contractor shall file a Notice of Intent to Remove Asbestos. with:

Asbestos NESHAP Coordinator  
ATTN: Roylene Cunningham  
([Cunningham.roylene@epa.gov](mailto:Cunningham.roylene@epa.gov))  
US EPA, Region 10 (OCE-101)  
1200 Sixth Ave, Suite 155,  
Seattle WA 98101

# SCOPE OF WORK

## GENERAL

All procedures shall comply with these specifications and any Federal, State or local codes and regulations pertaining to the removal of asbestos containing materials.

While working in regulated areas, there shall be a certified Asbestos Supervisor continually overseeing the job site work. If, at any time while working on asbestos containing materials, air monitoring test results indicate fiber levels greater than the required federal and state levels for that type of work and protective equipment, whether by personnel monitoring or area monitoring, the work shall immediately be stopped, and the Owner notified. The Contractor at this time shall establish engineering techniques that will lower the fiber count level to or below the required federal and state levels before work may proceed.



A. Work location:

## **SCOPE OF WORK**

The work of this contract is comprised of the removal and disposal of asbestos containing T.S.I from the boiler, hot water tank, elbows, joints and pipes and the removal and disposal of asbestos containing Cement Asbestos Board from the welding booths from Genesee Joint School District, Genesee School, 330 W Ash, Genesee, ID.



# SUMMARY OF WORK

A. Work location: Genesee Joint School;

*1. Old Boiler Room & Mechanical Room*

(a.) Removal and disposal of all asbestos Thermal System Insulation (T.S.I.) on boiler, hot water tank, approximately 120 sq. ft. and all other asbestos T.S.I. on all piping, elbows and joints various size throughout old boiler room and mechanical room approximately, l.n..

(b.) Cut and wrap method may be used on pipes that are no longer in use by the Owner.

*2. Ag Shop/Welding Room*

(a.) Removal and disposal of all asbestos Cement Asbestos Board (CAB) from the old welding booths. Approximately sq feet.

B. The following asbestos removal procedures, if applicable to this project, shall be followed by the Contractor approved work plan for asbestos removal in regulated areas:

1. Post warning signs meeting the requirements of OSHA/EPA at any locations and approaches to the locations of regulated areas
2. Clean and isolate the work area as determined by the Contractor's approved work plan.
3. Spray asbestos material with amended water using airless spray equipment capable of providing a fine spray mist, in order to reduce airborne fiber concentrations.
4. Saturate the material without causing excess dripping. All asbestos materials are not the same and all wetting procedures are not equally effective; but wetting the asbestos material shall be used.
5. Spray the asbestos material throughout the removal process to maintain a wet asbestos material to minimize asbestos fiber release.
6. Remove the saturated asbestos material in small sections or amounts using two-person teams when possible. Asbestos material shall not be allowed to be dropped or placed on floors, ladders, scaffolds or other equipment. Material shall be packed in 6 mil. or thicker bags, properly labeled
7. Tear sheets shall be utilized on floors and a material and water spills shall be cleaned up immediately.
8. Containers (labeled 6 mil. polyethylene bags, or drums) shall be sealed when full.
9. Double 6 mil. bagging of material is necessary. The outside bag shall be clear plastic and labeled. Bags shall be knotted and then twisted, and duct taped in a gooseneck fashion.
10. After completion of all stripping and removal work, surfaces from which asbestos materials have been removed shall be wet brushed and sponged or cleaned by some equally acceptable method to remove all visible material. Following cleaning, all surfaces from which asbestos was removed shall be coated with an approved lock down encapsulant to permanently lock down all traces of asbestos fiber residue.
11. After sealing the filled containers, clean surfaces thoroughly by wet cleaning in the washdown area (NOT PERSONAL SHOWER). Move containers through the station when thoroughly clean to the holding area. Double bag and remove to the on-site storage container area.
12. Outside workers wearing respirators and dressed in clean overalls shall remove the clean asbestos containers from the clean container area and place them into a second labeled container which shall be clean and sealed. This double container shall be removed from the holding area and placed in a container or room to await disposal,
13. Glove bag and mini-enclosure removal shall be permitted in the Contractor's approved work plan, the following glove bag and mini-enclosure asbestos removal procedures shall be followed:
  1. Glove bag use is prohibited in occupied rooms.
  2. Mark all areas where glove bags are to be used so that only properly protected asbestos workers have access.
  3. Pre-clean work area.
  4. Remove all chairs, desks, booths, and other furniture from work area; cover fixed objects and equipment with 6 mil. plastic sheeting. Tape and use adhesives to keep contamination out. Wet wipe plastic when completed and dispose of as asbestos waste.

5. Protect all floors in the work area using 6 mil. plastic sheeting; tape and use adhesives to keep contamination out; wet wipe plastic when completed and dispose of as asbestos waste.
6. Use approved glove bags or mini-enclosures in accordance with the manufacturer's instructions and State law.
7. There shall be a personnel decontamination system to the work area and a negative air pressure system shall be used.
8. All workers shall be in full asbestos worker protective gear; materials shall be kept wet during removal.
9. Once all asbestos containing materials have been removed and deposited in the glove bags, the area shall be wet wiped, cleaned and locked down using an E.P.A. approved lock down encapsulant.
10. Remove the glove bag using a HEPA vacuum cleaner to collapse the bag. Carefully cut and detach. from the work area.
11. There shall at all times be an Asbestos Supervisor overseeing all glove bag and mini-enclosure set-up, tear down and removal work.
12. All cleaning shall be wet wipe methods and HEPA vacuuming.
13. If at any time during the asbestos work, air monitoring test results indicate airborne fiber levels greater than federal and state requirements for that type of asbestos work and protective equipment, the work shall stop immediately until the Contractor has established engineering techniques that will lower the airborne fiber countdown to or lower than the required levels.

C. These asbestos removal procedures shall be followed as permitted in the Contractor's approved work plan for the removal of non-friable cement asbestos board:

1. Non-friable cement asbestos board may be removed outside of a regulated containment area if the material is removed without sawing, cutting or breaking and there are no visible asbestos emissions.
2. Cement asbestos board and asbestos shall be wetted with amended water prior to removal so all surfaces are wet.
3. Workers shall be wearing full body protective gear.
4. Workers shall use a HEPA vacuum in a prescribed work plan method when removing cement asbestos board or vinyl asbestos tile to ensure against fiber release,
5. Removed cement asbestos board or large vinyl asbestos tile sheets shall be wrapped in 6 mil plastic with all edges taped. Move the material to the de-contamination chamber, clean plastic and wrap and tape with a second 6 mil
6. plastic cover; remove to disposal site.
7. Removal of 12 x 12 or smaller tile shall be placed in plastic 6 mil bags, taped shut, double bagged and disposed of as specified (DO NOT OVERFILL BAGS).
8. Wet wipe or HEPA vacuum all areas where asbestos materials were removed.

## **CLEAN-UP PROCEDURE**

- A. Remove and bag all visible accumulations of asbestos containing materials and other contaminated asbestos debris. Keep waste materials wet until enclosed in sealed plastic bags.
- B. Wet wipe all surfaces in the work areas using rags; m-0ps, and sponges. HEPA vacuums must be wet/dry vacuums in order to pick up contaminated excess water and asbestos materials

- C. Conduct air monitoring in the cleaned work area to verify that the airborne fiber count is less than 0.01 f/c. Do not shut off negative air equipment until air testing verifies a clean work area.
- D. After cleaning work area, wait at least 24 hours to allow fibers to settle.
- E. Remove all contaminated waste from the work area.
- F. Decontaminate all tools and equipment and remove at the appropriate time in the cleaning sequence.
- G. Inspect the work area for visible residue. If any accumulation of residue occurs, it will be considered to be asbestos and the cleaning cycle shall be repeated.
- H. The work area shall be considered clean as determined by the Owner. Additional cleaning cycles shall be provided as necessary at no cost to the Owner until cleaning is satisfactory to the Owner.

## **DISPOSAL OF ASBESTOS WASTE**

All asbestos material stored at the work site shall have passed through the decontamination station and be cleaned. All other plastic bags or approved drums or other approved containers shall be labeled.

- B. The sealed, marked containers shall be transported to the permanent approved disposal site. If during transport, any containers become damaged, they shall be immediately repaired with a recommended mending material and placed in a third 6 mil. marked bag or drum.
- C. The transport of asbestos containing material to the disposal site shall be in a full covered and enclosed van or trailer with a locking door or lid.
- D. Disposal shall be in compliance with the site Owner. Transport personnel at the disposal site shall wear protective clothing and respirators.
- E. The cost of all asbestos transportation and disposal shall be paid for by the Contractor.



