

November 2, 2016

Mr. Dan Logan
Owen County Schools
1600 Highway 22 East
Owenton, KY 40359

Re: Pre-Construction Asbestos Demolition Survey – Vacant Elementary Building
Location: Highway 22 East, Owenton KY
ASTI Proposal No. 161101

Dear Mr. Logan:

Air Source Technology, Inc. (ASTI) is pleased to provide Owen County Schools with a quotation for a limited Pre-Construction Asbestos Demolition Survey for the vacant Old Owen County Elementary School building. ASTI will generally follow the survey protocol outlined in ASTM International (ASTM) Document E2356-8 Comprehensive Building Asbestos Survey as applied to this structure and situation. ASTI maintains proper accreditations for inspections, management, and project design, as well as complete liability insurance, including appropriate “errors and omissions” liability insurance.

Based on information obtained from our recent discussion, ASTI has developed the following scope of work:

SCOPE OF WORK

TASK 1 Limited Asbestos Survey & Quantities

The purpose of the survey is to provide information to support planning decisions for the upcoming demolition project. Accessible areas will be surveyed. The building has been described as a two-story concrete block building, built on a concrete slab, having a newer flat roof. The building contains about 60,000 square feet and was constructed circa 1969. The following methodology will apply:

1. Air Source Technology, Inc. (ASTI) will visually inspect for the presence of both friable and non-friable suspect asbestos materials.
2. ASTI will collect representative samples of each type of suspect asbestos to be analyzed by an accredited NVLAP laboratory.

3. ASTI will report inaccessible areas where entry is prohibited based on the building's design, concrete walls or barriers or other areas inaccessible due to safety or security issues. For such inaccessible areas, reported quantities will include estimates of suspect hidden materials. Inaccessible areas will be documented in our report.
4. The survey report will include the following items:
 - a. A record of inspection for all functional spaces (including those where no samples were collected)
 - b. Floor plans that show sample locations, functional spaces, and homogeneous areas
 - c. List of suspect asbestos material samples and analytical results
 - d. Sample description, including type of material and images of locations
 - e. Estimated quantities.
5. The report will include a budgetary estimate of removal costs for identified asbestos materials.

PLAN OF ACTION:

The work will be performed during regular business hours. ASTI will generally follow the survey protocol outlined in ASTM International (ASTM) Document E2356, Section 8. A qualified asbestos inspector with appropriate background and certifications will collect necessary samples. Owen County Schools will provide access assistance, including ladders, powered lift, etc., during the onsite survey work. Destructive testing requires access to concealed cavities (i.e. walls, pipe chases, and plenums above solid ceilings) that will result in noticeable damage to surfaces for which ASTI will not be responsible for repairing, including roof sample locations. Suspect sample locations that are not accessible will be described in the report. ASTI will caulk flat roofing sample holes, which is not considered a permanent or suitable roofing repair. ASTI is not capable of providing a satisfactory roof repair; the owner will be responsible for the integrity of the roof after sampling.

Important Note: Due to the constraints of any asbestos survey, demolition activities may possibly reveal additional asbestos building materials in interior building cavities, crawl spaces, etc. where asbestos may not be accessible to be noted and quantified.

While ASTI will attempt to identify potential asbestos material that is inaccessible during this limited survey, the Owner should have contingency plans and budget that account for the possibility of finding hidden asbestos materials during demolition.

TASK 2 Additional Consulting Support

Upon approval, ASTI can provide Owen County Schools with consulting support above and beyond the work described above. Such services may include Request-For-Proposal preparation, bid management, air clearance testing for abated friable materials or other asbestos-related consulting services. These services would be provided by an AHERA-accredited Asbestos Designer and/or Inspector/Management Planner.

FEE SCHEDULE

ASTI can provide the Scope of Work described above for the following fees:

TASK	TASK DESCRIPTION	PRICE (Labor)	TASK ACCEPTANCE (Indicate with an "X")
1	Limited Asbestos Building Survey	\$3,350.00	
2	Consulting Services beyond described Scope of Work	\$ 100.00/hr	

ASTI will use past PLM sampling results in our survey when appropriate. Accredited laboratory PLM analysis of asbestos bulk samples will be charged at \$30.00 per sample and \$45.00 per asbestos point count sample. If a PLM analysis result is negative for a Non-friable Organically Bound (NOB) sample that historically contains asbestos fibers, samples will be submitted for Transmission Electron Microscopy (TEM) analysis, costing \$95.00 per sample (standard lab turn around).

ASTI appreciates the opportunity to provide this proposal for your review. If you are in agreement with this Scope of Work, please provide a signature in the space provided and a purchase order. Payment is due upon receipt of the invoice.

If you have any questions, please do not hesitate to contact me at (859) 299-0046.

Sincerely,



Bruce N. Fergusson, CIH, P.E. (retired)

Agreed: Owen County Schools

Signature: _____

Date: _____

Name: _____

(Please print)

Title: _____