

Arrowhead Consulting & Testing, Inc.

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July 9, 2013

Tony Kelekovich, Supervisor of Purchasing
ISD #709
Central Administration Building, Room 317
215 North First Avenue East
Duluth, Minnesota 55802

**RE: Request for Proposal
RFP #298 Asbestos 3-Year Reinspection and
Management Plan Updating**

In response to your request for proposal, Arrowhead Consulting & Testing, Inc., (Arrowhead) is pleased to provide the Independent School District No. 709 (ISD #709) with the following proposal for an asbestos reinspection of 10 buildings and management plans for four (4) newly remodeled buildings owned by ISD #709. This document provides Arrowhead's scope of work, qualifications, experience, references and fees for services provided per your request.

SCOPE OF WORK

Arrowhead will reinspect and assess the condition of all identified asbestos containing materials (ACM) listed in the ISD #709 most recent 3-Year Reinspection Surveillance Report for each of the 10 buildings and four (4) newly remodeled buildings owned by the District and per the scope of work outline on the RFP. Arrowhead will also identify, sample and include in the reinspection ACM that was not identified on the original survey report. The Asbestos Hazard Emergency Response Act (AHERA) guidelines will be followed when conducting the reinspection and assessment. The assessment will include an evaluation of the physical condition and potential for damage of all friable ACM. The assessed ACM will be classified into one of seven categories based on material type and damage/potential for damage per the AHERA guidelines. A report will be prepared documenting, in an excel spreadsheet, the condition of the ACM (and suspect ACM) identified by the reinspection.

A Minnesota certified and licensed asbestos inspector will perform the inspection and sample collection. Three samples will be collected for each suspect ACM. The sample materials will be grouped into homogeneous areas. An accredited laboratory (NVLAP certified) will perform analysis of suspect ACM. Analysis will be conducted only on the minimum number of samples required to confirm a material is ACM. However, as per the 40 CFR (EPA regulations) protocol for laboratory analysis of suspect ACM, analysis of all three homogeneous samples will be

conducted on any material determined to be non-asbestos-containing, to provide an adequate confirmation of the analytical results.

ARROWHEAD CONSULTING & TESTING, INC., QUALIFICATIONS AND EXPERIENCE

Qualifications

Arrowhead Consulting & Testing is an environmental-consulting firm providing consultant services for approximately five years. Arrowhead's client list includes educational institutions, government agencies, manufacturing, commercial and industrial facilities, and residential clientele. The Arrowhead staff has provided asbestos consulting services to educational institutions, medical facilities and manufacturing companies for over 25 years and understands the AHERA sampling procedures.

Arrowhead has three AHERA certified and **Minnesota licensed inspectors and management planners** on staff. Each staff member has a minimum of 20-years of experience in the asbestos field and has conducted hundreds of asbestos surveys.

Principle, Linda K. Thiry holds a B.S. degree from the University of Minnesota Duluth in Chemistry and is founder of Arrowhead Consulting & Testing, Inc. Ms. Thiry has worked in the consulting and analytical testing fields since 1986 as an Analytical Chemist, Industrial Hygienist, Project Manager, Director and General Manager. She brings 27 years of experience in the asbestos field and holds licenses in all asbestos disciplines including asbestos supervisor, project designer, and inspector.

Greg Heinecke has over 23 years of professional level experience in the environmental and asbestos consulting field. Mr. Heinecke holds licenses in all asbestos disciplines including asbestos supervisor, management planner and inspector.

Scott Reinke has over 20 years of professional level experience in the environmental field. Mr. Reinke holds licenses in all asbestos disciplines including asbestos supervisor, project designer, management planner and inspector.

Inspector's credentials are found in Appendix A.

Experience

Arrowhead building inspectors have performed many surveys and reinspections of existing structures to locate, identify, and assess potential hazards of asbestos-containing material (ACM). Detailed survey reports provide clients with, location, type, and percent of both friable and non-

friable ACM, quantities on an area-by-area basis, prioritized recommendations, and abatement cost estimates.

Following is a list of recent inspections conducted by the Arrowhead team:

Local School District Client: Arrowhead personnel conducted a room-by-room 3-year reinspection and 6-month periodic surveillances of an eight building school district. When Arrowhead obtained the contract, the surveillance reports did not easily identify ACM by rooms or spaces. Arrowhead updated the plan to include a room-by room inventory of all ACM and condition rating per ACM type.

Local University Client: Arrowhead personnel conducted reinspections of buildings at a local university. The inspection were conducted to verify the condition of ACM present and to inventory ACM for renovations conducted in the buildings.

Regional Medical Industry Client: Arrowhead personnel conducted a room-by-room asbestos inspection and reinspections of asbestos-containing materials at a regional hospital. The inspection was conducted using AHERA and Minnesota Department of Health protocol. The inspection was used to institute an Operations and Maintenance Asbestos Program for the hospital. Arrowhead wrote the O & M Program.

INSURANCE REQUIREMENTS

Arrowhead will provide the required insurance, including both general and professional liability, automobile liability, excess liability and workers compensation.

REFERENCE

Mr. John O'Brien, CIH
Calumet Superior, LLC
Phone Number: 715/398-8204

Mr. Terry Anding, Supervisor Plant Service
Essentia Health
Phone Number: 218/786-1349

Ms. Penny Burggraff – Industrial Hygiene Technician
Sappi Fine Paper Cloquet LLC
Phone Number: 218/879-2300 ext. 2921

PROJECT COST

The **total cost** for the project, including all costs associated with surveying each building, additions to the 3-Year Reinspection Surveillance Reports, Management Plans for four newly renovated buildings, and preparation of the written and digital reports is **\$24,500.00**.

UNIT COST FOR PLM

The **unit cost** for PLM analysis of bulk samples including the identification, collection of sample material, delivery of sample to NVLAP accredited laboratory for analysis, cost of analysis and entry into report is **\$15.00 per sample**.

TIME TABLE

Upon award of this contract, Arrowhead can begin the reinspection after July 17, 2013. One Arrowhead professional will collect the field data. It is estimated that 25 - 30 days will be needed to complete the reinspections. Arrowhead will complete the inspections of the 20 buildings by September 27, 2013 and submit reports within the time frame specified.

If you have any questions regarding the information provided, please call me at (218) 729-0987. We look forward to your favorable response.

Sincerely,

Arrowhead Consulting & Testing, Inc.



Linda K. Thiry

Owner/Programs Director