

RESOLUTION AWARDING A CONTRACT FOR STRUCTURAL & ENVIRONMENTAL EVALUATION AND DEMOLITION DESIGN FOR 4 PROPERTIES

WHEREAS, the Broome County Land Bank Corporation (“BCLBC”) issued a Request for Proposals (RFP) for Structural and Environmental Evaluation and Demolition Design for 4 properties, dated July 7, 2017, and

WHEREAS, the RFP deadline was July 20, 2017, and

WHEREAS, the BCLBC received responses from two firms: Delta Engineers, Architects and Land Surveyors and Keystone Environmental Services, and

WHEREAS, the BCLBC has evaluated each proposal, and

WHEREAS, the BCLBC has determined Keystone Environmental Services to be the lowest responsible bidder and recommends awarding the contract for Structural and Environmental Evaluation and Demolition Design for 4 properties to Keystone Environmental Services, now, therefore, be it

RESOLVED, that this Board has determined Keystone Environmental Services to be the lowest responsible bidder and hereby awards the contract for Structural and Environmental Evaluation and Demolition Design for 4 properties to Keystone Environmental Services, 58 Exchange Street, Binghamton, NY 13901.

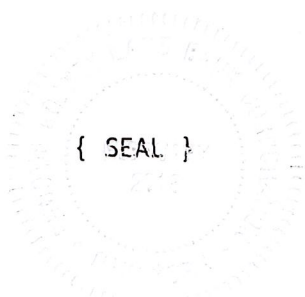
The question of the adoption of the foregoing Resolution was duly put to a vote, which resulted as follows:

Director	AYE	NAY	Abstain	Absent
Aaron Martin	X			
Tom Augostini	X			
Stacey Duncan				X
Jen Gregory				X
Dave Hamlin				X
Elaine Miller	X			
Chris Papastrat	X			
Daniel Reynolds	X			
Linda Shumaker	X			

The foregoing resolution was thereupon declared and duly adopted by the Board of Directors on this

25th day of July 2017.

Margaret Scarinzi
Margaret Scarinzi, Executive Director





**COST AND SCHEDULE PROPOSAL FOR
STRUCTURAL & ENVIRONMENTAL EVALUATION
AND DEMOLITION DESIGN**

BROOME COUNTY LAND BANK CORPORATION | JULY 20, 2017 2:00PM



July 20, 2017

Broome County Land Bank Corporation
c/o Ms. Margaret Scarinzi
Executive Director
Broome County Office Building, 5th Floor
60 Hawley Street
Binghamton, NY 13901

RE: Proposal for Structural Evaluation, Environmental Evaluation and Demolition Design
85 Trafford Road
349 Second Ave
231 Bevier Street
634-636 Upper Court Street

Dear Ms. Scarinzi:

Keystone Environmental Services is pleased to submit our proposal to provide structural, environmental testing and demolition design services at the above referenced residential properties.

I. COMPANY HISTORY

Keystone Environmental Services (KES), a division of Keystone Material Testing, LLC, headquartered in Binghamton, New York, was established in 1998 and provides professional environmental consulting, inspection, testing, monitoring, design, project management, subsurface investigation, and soil vapor remediation services throughout the eastern United States for a variety of sectors, including education, healthcare, industrial, transportation, commercial, municipal, and residential clients.

Our environmental engineering staff includes professional engineers, biologists, environmental analysts, environmental hygienists, water and air quality specialists, asbestos building inspectors, air sampling technicians, project monitors, abatement project designers, lead-based paint assessors/inspectors, certified environmental professionals, and technicians. They have been trained and certified to manage environmental issues and to remain sensitive to federal and state regulations.

We have established a record of completing projects on schedule and within budget for major clients in the public and private sectors. With state-of-the-art equipment, our dedicated professional, technical and administrative staff are committed to providing the highest quality technical service to our clients.

2. EXPERIENCE

KES has the specialized experience and professional expertise necessary to continue to provide for the successful completion of this project. We are currently working with the Broome County Land Bank on two project sites and we have provided testing for asbestos and lead paint for numerous municipalities including the City of Binghamton (Environmental Term Agreement), Village of Johnson City, Binghamton Housing Authority, Broome County Health Department, Town of Kirkwood, Binghamton City School District and the Town of Union in addition to federal and private clients.

3. STAFFING

KES has on staff a structural engineer and five (5) certified and licensed asbestos professionals who can handle a variety of environmental consulting projects. All of KES's employees are NYS Department of Labor certified for asbestos sampling, project abatement design, project monitoring and air sampling. With over 100 years of combined environmental consulting experience, KES's staff is well qualified and trained to handle any of the Broome County Land Bank Corporation's environmental projects. Based upon our current understanding of project requirements, project staffing will include the following individuals:

- Mr. Richard J. Tarnowski, CEP, will perform project management services. He has over 40 years of extensive experience in both public and private environmental consulting and remediation. Mr. Tarnowski is a NYSDOH Certified Laboratory Director, NYSDOL Certified Asbestos Building Inspector/Air Sampling Technician and Project Monitor, and a USEPA Licensed Lead Risk Assessor.
- Mr. Kenneth D. Ellsworth, P.E., will provide NYS professional engineering oversight for condemnation and asbestos abatement design services.
- Mr. Timothy Marble – Mr. Marble will provide field inspection services, asbestos abatement design and project management and close out documentation.
- Mr. Christian Tarnowski – Mr. Tarnowski will provide in field inspection services.
- Mr. Brian Alyward – Mr. Alyward will provide in field inspection services.
- Mr. Chris Valek – Mr. Valek will provide in field inspection services.

4. SUBCONSULTANTS

We have included AmeriSci Richmond, a certified MBE, on our team to provide laboratory analysis for asbestos and lead paint for this project. AmeriSci is a group of service-oriented laboratories specializing in asbestos, microbial, and environmental testing.

In summary, KES has the necessary licensed and certified personnel, experience and dedication to provide for the success of this project. KES is committed to providing services that meet the technical and budgetary needs of our clients, satisfy regulatory requirements, and are commensurate with the state-of-the-art technology.

We appreciate this opportunity to present our qualifications and are looking forward to providing our services to the Broome County Land Bank Corporation.

Respectfully,

KEYSTONE ENVIRONMENTAL SERVICES



Richard J. Tarnowski, C.E.P., C.E.I.
Member/Director of Environmental Services

Enclosure



TITLE

Cost and Schedule Proposal for Structural & Environmental
Evaluation and Demolition Design

PROPOSER

Keystone Environmental Services
58 Exchange Street, Binghamton, NY 13901
(607) 723-5117

CONTACT PERSON

Richard J. Tarnowski, CEP, CEI
Member
rtarnowski@kecompanies.com
(607) 723-5117



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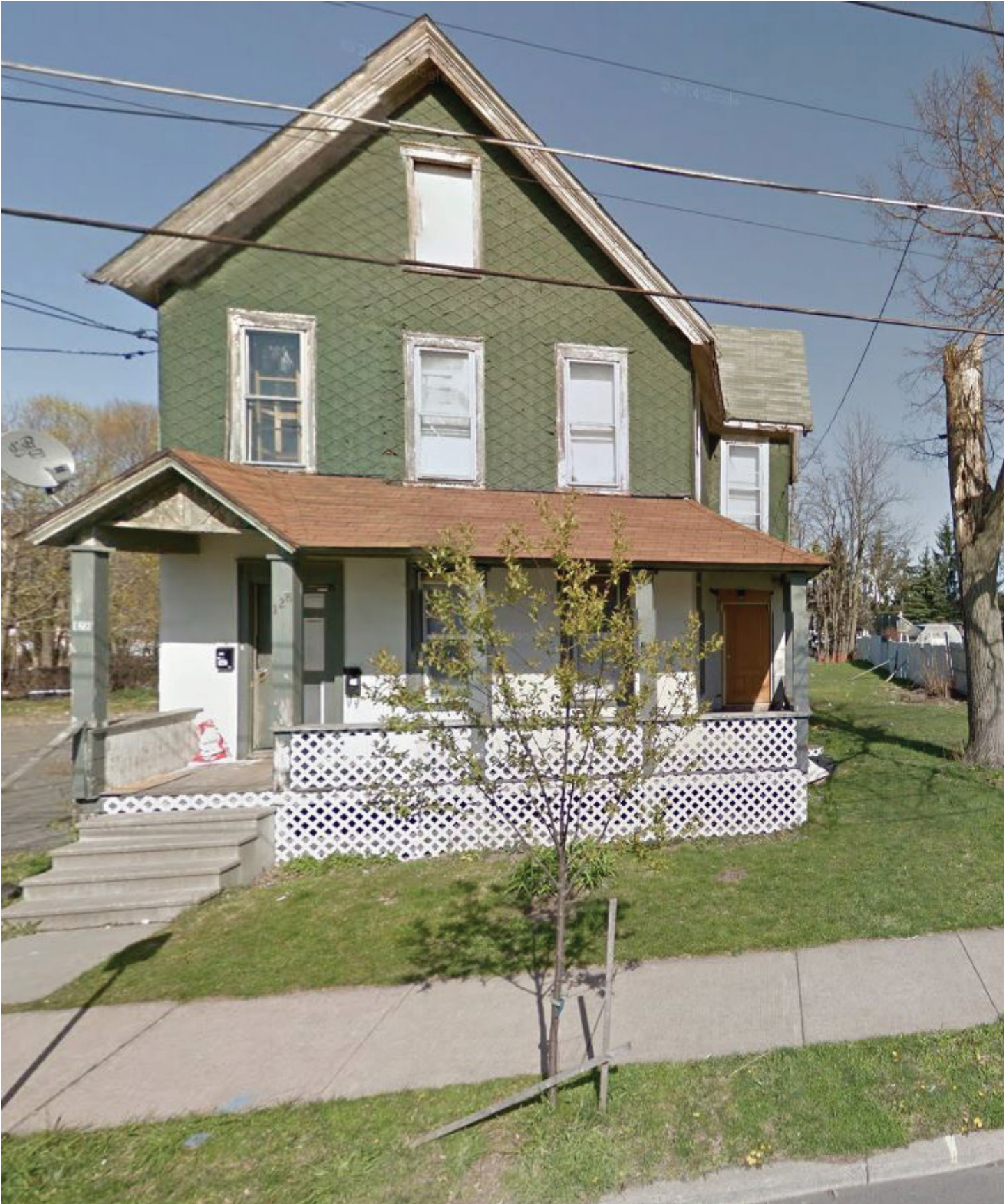
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KEYSTONE ENVIRONMENTAL SERVICES

Keystone Environmental Services (KES), a division of Keystone Material Testing, LLC, provides professional environmental consulting, inspection, testing, monitoring, design, project management, subsurface investigation, and soil vapor remediation services throughout the eastern United States for a variety of sectors, including education, healthcare, industrial, transportation, commercial, municipal, and residential clients.

Today's environmental regulations influence nearly all activities undertaken by the private and public sectors. Our professionals work on our clients behalf in a broad range of environmental areas to identify and resolve environmental issues early on in the project, therefore, minimizing their impacts on the project cost and success.

Our environmental engineering staff includes professional engineers, biologists, environmental analysts, environmental hygienists, water and air quality specialists, asbestos building inspectors, air sampling technicians, project monitors, abatement project designers, lead-based paint assessors/inspectors, certified environmental professionals, and technicians. They have been trained and certified to manage environmental issues and to remain sensitive to federal and state regulations.

KES's 27 years of experience dealing with radon and VOC vapor intrusion has resulted in over 7,000 successful remediation installations in residential, commercial, educational, and industrial facilities. KES's New York State ELAP certified laboratory and our ELAP certified partner labs have analyzed over 20,000 air quality samples for radon and VOC's.

Our environmental engineering and construction staff have successfully completed some of New York States earliest and most publicly sensitive large soil gas remediation projects in Endicott, New York, Hillcrest, New York, and Norwich, New York where remediation dealt with schools, churches, public facilities, and daycare facilities in addition to residential and commercial structures. KES's professional staff provided services ranging from site assessments, sample collection and system design, to installation and operation and maintenance.

Personnel

Keystone Environmental Services' team prides itself on the depth of experience and knowledge that we possess. Our versatile staff of engineers, biologists, and licensed specialists enables us to comprise a team of professionals uniquely qualified to address the particular needs of a given project. Thus, both the immediate and the long term needs of our clients can be met expeditiously and in accordance with the highest professional standards.

CORPORATE OFFICE

58 Exchange Street
 Binghamton, NY 13901
 Phone: (607) 723-5117 /
 (607) 770-9098
 Fax: (607) 729-5154
 Email: info@kecompanies.com
 Web: www.kecompanies.com

MEMBERS

- Kenneth D. Ellsworth, P.E.,
 Managing Member - Director
 of Technical/Material Testing
 Services
- Richard J. Tarnowski, C.E.P., C.E.I.,
 Member - Director of Environmental
 Services

SERVICES

- Asbestos, Lead-Based Paint,
- PCB and Hazardous Materials
- Air Quality Monitoring
- Environmental Site Assessments
- Brownfields/Remediation
- Water Quality
- Marcellus Shale Services
- Stormwater Inspection
- Subsurface Investigation /
 Geotechnical
- Environmental Impact Assessment
- Soil Vapor Sampling/ Analysis
- Soil Vapor Pre-Construction
 Consulting
- Soil Vapor Site-Assessment
- Soil Vapor Mitigation / Remediation

SERVICES

Asbestos, Lead-Based Paint, PCB and Hazardous Materials

- Material Sampling
- Site Assessments
- Pre-Demolition/Pre-Renovation Building/Structure Asbestos Surveys
- TCLP Waste Stream Sampling
- Environmental Project Management
- NYS DOL Site Specific Variance
- Air Sampling
- Project Monitoring
- Abatement Design
- AHERA Asbestos Reviews

Air Quality Monitoring

- Air Sampling and Quality Assessments
- Indoor Air Quality Sampling
- Mold Assessments
- Mold Remediation, Planning, and Maintenance
- Radon and Soil Vapor Intrusion Sampling, Assessment, Design, Mitigation System Install, and Maintenance Inspections

Environmental Site Assessments

- Phase I, Phase II and Phase III Assessment, Investigation, Remediation, and Design
- Real Estate Transactions
- Landfill Inspections and Monitoring
- Well Water Quality Review

Brownfields / Remediation

- Soil Vapor Remediation
- Bioremediation System Operations
- Site Investigation and Remedial Action Planning

Water Quality

- Baseline Sampling/Analysis
- Flow Studies
- Permitting Services

Marcellus Shale Services

- Water Baseline Sampling and Analysis
- Environmental Services
- Compliance Monitoring
- Wetland Delineation

Stormwater Inspection

- Storm Water Management Facilities
- Storm Water Pollution Prevention Plans
- Construction Inspection Services
- Construction Stakeout Services

Subsurface Investigation / Geotechnical

- Soil Borings/Rock Cores/Pavement Cores Utilizing Drill Rigs and Geo-Probe
- Laboratory Analysis
- Comprehensive Geotechnical Evaluations

Environmental Impact Assessment

- State Environmental Quality Review Act (SEQR)
- Environmental Impact Statements

Soil Vapor Sampling/ Analysis

- Semi-Volatile Organic Compounds
- Methane
- Radon

Soil Vapor Pre-Construction Consulting

- Code Compliant Vapor Intrusion Design
- Active / Passive System Design
- Vapor Barrier Design
- Mechanical System Evaluation
- Construction Inspection

Soil Vapor Site-Assessment

- Under Slab Soil Characterization
- Vacuum / Pressure Field Mapping
- Contaminant Plume Delineation
- On-Site Sampling / Analysis

Soil Vapor Mitigation / Remediation

- Sub Slab Diagnostic Testing
- Passive / Active Depressurization System Design
- Construction Specifications
- Mitigation System Installation
- Operation and Maintenance Inspections

Additional Consulting Services

- Noise Surveys
- Thermal Imaging Inspections
- Building Inspections

LICENSES AND CERTIFICATIONS

- U.S. Environmental Protection Agency - Lead Paint
- NYS Department of Labor - Asbestos
- NYS Department of Health - Environmental Laboratory Accreditation
- NYS Department of State - Professional Engineering
- NYS Department of Environmental Conservation - Pesticides
- NYS Department of State - Continuing Education Instruction
- NYS Department of State - Building Inspector
- National Environmental Health Association - Soil Gas Remediation
- NYS Department of Environmental Conservation - Storm Water Pollution Protection - Erosion/ Sediment Control and Stormwater Quality
- Environmental Certification International - Certified in Erosion and Sediment Control
- Environmental Certification International - Certified in Storm Water Quality
- Academy of Board Certified Environmental Professionals - Certified Environmental Professionals
- U.S. Department of Labor - OSHA 40-hour HAZWOPER Certification
- US Army Corps Engineering - Wetland Delineation
- U.S. Nuclear Regulatory Commission - Nuclear Equipment Certification
- U.S. Department of Labor - OSHA Safety & Health Program Certification
- U.S. Department of Labor - OSHA Construction Safety Program Certification
- Pennsylvania Department of Labor and Industry - Asbestos
- National Environmental Health Association (NEHA) and National Center for Healthy Housing (NCHH) - Healthy Homes Specialist Certification
- Certified Mold Inspectors and Assessors
- Level 1 Infrared Thermography Certification

QUALIFICATIONS / EXPERIENCE



CITY OF BINGHAMTON

Keystone Environmental Services (KES) is retained by the City of Binghamton under a current term contract to perform environmental consulting services including Pre-Demolition Surveys for Asbestos Containing Materials (ACM) for FEMA Buyout Properties located at various addresses in Binghamton, New York. The purpose of these surveys were to identify and assess with due diligence, the locations, quantities, friability and condition of ACM that will be disturbed during demolition/renovation.

Our NYS Certified Asbestos Design staff prepared asbestos site specific variances which addressed the materials identified in the building reviews. The designs were incorporated into the project construction plans and specifications for bidding and abatement activities.

We provided project monitoring and air sampling services, coordination and support as necessary to assist the City of Binghamton and their contractors with the proper execution of the environmental design and abatement of the buildings for this term contract.

KES's environmental term contract also included performing lead based paint testing/risk assessments, Phase I environmental audits and indoor air quality sampling for the BLDC.

CONTACT

City of Binghamton
Tel: (607) 772-7007

KEY PROJECT NOTES

- Pre-Demolition Survey
- Project Design
- Project Administration
- Project Monitoring/Air Sampling
- Site Specific Variances
- Lead Paint Risk Assessment
- Phase I Environmental Audits
- IAQ Sampling





BROOME COUNTY HEALTH DEPARTMENT

In 2015, the Broome County Health Department (BCHD) was awarded a \$2 million dollar federal grant from the US Department of Housing and Urban Development (HUD) to conduct lead paint hazard control in low income housing. Keystone Environmental Services (KES) was awarded a 2-year term contract which expired on February 28, 2014 and covered the entire Broome County area. KES's Healthy Homes term contract is a separate part of the lead hazard control program and is conducted during lead hazard control remediation activities which is estimated to occur in 110 structures. KES's work activities include identifying and scoring up to 30 potential health hazards in each structure. On site inspection and sampling are performed for lead, asbestos, mold, IAQ and many other potential environmental and safety hazards. Risks are evaluated and solutions are identified for remediation. KES also performs minor remediation repairs and management/oversight on large remediation repairs. KES successfully completed this project under budget and on time.

In 2015, the Broome County Health Department was again awarded an additional \$3 million dollar federal grant from HUD. KES was again also awarded a 3 year term contract for Healthy Homes inspections and repairs. KES is currently performing those services at 147 structures until October 13, 2018.

CONTACT

Ms. Sarah Walker
Broome County Health Department
Tel: (607) 778-2809

KEY PROJECT NOTES

- Air Sample Collection
- Bulk Sample Collection
- Laboratory Analysis
- Healthy Home Reporting
- Health Hazards Scoring
- Hazard Remediation





OPPORTUNITIES FOR BROOME

Keystone Environmental Services (KES) was retained by Opportunities For Broome to perform Lead Testing, PCB testing, mold testing and Pre-Demolition/Renovation Surveys for Asbestos Containing Materials (ACM) for the multi-unit apartment buildings located at 86, 88 and 90 Carol Street, Binghamton, New York. The purpose of these surveys was to identify and assess with due diligence, the locations, quantities, friability and condition of lead paint, PCB's, and ACM that will be disturbed during demolition and renovation activities.

Our NYS Certified Asbestos Design staff prepared asbestos project design which addressed the materials identified in the building reviews. The designs were incorporated into the project construction plans and specifications for bidding and abatement activities.

KES provided estimated abatement budgets, project monitoring and air sampling services, coordination and support as necessary to assist the Owner, Architect, and Contractors with the proper execution of the environmental design and abatement of the buildings for these projects.

CONTACT

Ms. Kelly Robertson
Opportunities for Broome
Tel: (607) 723-6493

KEY PROJECT NOTES

- Hazardous Material Sampling
- Pre-Renovation Survey
- Project Design
- Project Administration
- Project Monitoring/Air Sampling
- Site Specific Variance





CITY OF SYRACUSE

Keystone Environmental Services (KES) was retained by the City of Syracuse under a 2 year term contract to perform environmental services involved with the Pre-Demolition/Renovation Surveys for asbestos for various blight houses. KES performed Pre-Demolition Asbestos Surveys (Bid Reference #14-019A) for 545-547 Park, 834-836 Park and 1675 West Colvin properties and is continuing to provide services on an as-needed basis.

CONTACT

Ms. Mary E. Yossler
Director
Office of Management and Budget
Division of Purchase
Tel: (315) 448-8444

KEY PROJECT NOTES

- Pre-Demolition/Renovation Survey





NATIONAL PIPE & PLASTICS, INC.

Keystone Environmental Services (KES) was retained by National Pipe & Plastics, Inc. to perform a Pre-Renovation Survey for Lead Paint and Asbestos Containing Materials (ACM) for their new Endicott Facility building located at 15 Mills Street, Endicott, New York. The purpose of this survey was to identify and assess with due diligence, the locations, quantities, friability and condition of Lead Paint and ACM that will be disturbed during demolition/renovation.

Our asbestos inspection was completed in accordance with the requirements outlined in the New York State Department of Labor (NYSDOL) Asbestos Regulation 12 New York Codes, Rules and Regulations (NYCRR) Part 56 and pertinent sections of OSHA 1926.1101. Bulk samples of suspect ACM were collected and sent to a laboratory certified by the Environmental Laboratory Accreditation Program (ELAP) for analysis by Polarized Light Microscopy (PLM) and Transmission Electron Microscopy (TEM) as required. Non-Friable Organically Bound (NOB) materials were analyzed in accordance with New York State Department of Health (NYSDOH) ELAP Methods 198.1 and 198.4. Each area of the interior and exterior of the structure slated for disturbance was thoroughly inspected by visual means to identify potential ACM and lead based paint. KES collected multiple bulk samples representing 14 types of homogeneous suspect ACM in addition to lead paint sampling.

CONTACT

Mr. Michael Westover
Engineering Manager
Tel: 1-800-836-4350

KEY PROJECT NOTES

- Lead/Asbestos Sampling
- Pre-Demolition/Renovation Survey
- Project Monitoring/Air Sampling





CORNELL UNIVERSITY

Keystone Environmental Services (KES) was retained by Cornell University under a term agreement to perform environmental consulting services which include Pre-Demolition/Renovation Surveys for lead based paint and Asbestos Containing Materials (ACM) for campus-wide buildings located at various locations in Ithaca, New York. The purpose of these surveys are to identify and assess with due diligence, the locations, quantities, friability and condition of lead paint and ACM that will be disturbed during demolition/renovation projects.

Our NYS Certified Asbestos Design staff prepare asbestos project designs and site specific variances when needed which address the materials identified in our building surveys. The designs are incorporated into the project construction plans and specifications for bidding and abatement activities.

KES provides estimated abatement budgets, project monitoring and air sampling services, coordination and support as necessary to assist the Owner, Architect, and Contractors with the proper execution of the environmental design and abatement of the buildings for these campus wide projects.

CONTACT

Mr. Dale Houseknecht
Asbestos Project Coordinator
Cornell University Facilities Services
Tel: (607) 327-1359

KEY PROJECT NOTES

- Pre-Demo/Renovation Survey Design
- Project Administration
- Project Monitoring/Air Sampling
- Bulk Asbestos/Lead Sampling



PROJECT TIMEFRAME

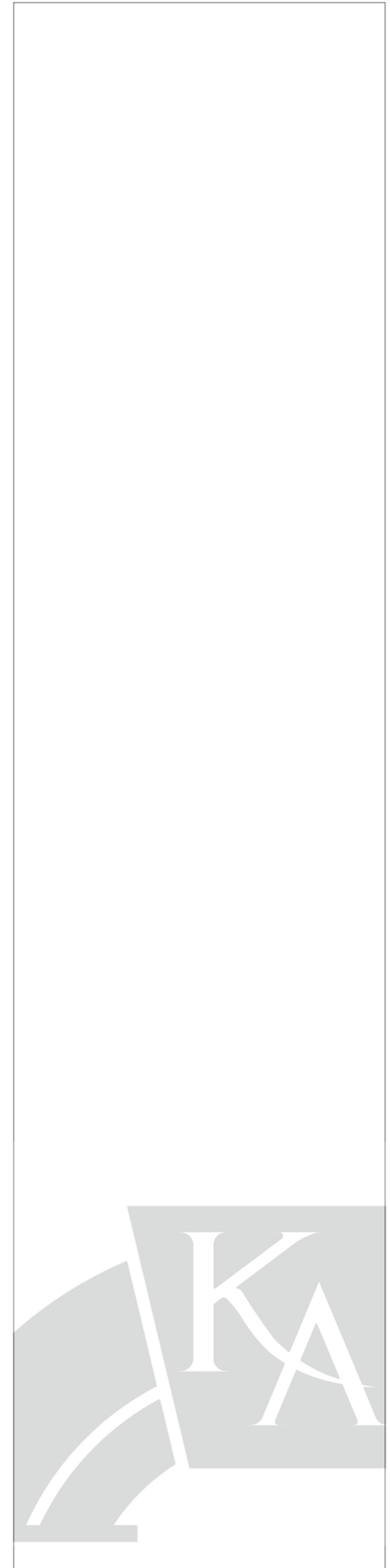


PROJECT TIMEFRAME

KES can begin the project work within 48 hours from a Notice to Proceed.

KES on-site monitoring services and project management services are contingent upon the results of the asbestos surveys and the selected abatement contractor's work schedules.

Final reports will be available within ten (10) business days from results of final lab analysis results and final document submittals of the selected abatement contractor(s).



RICHARD J. TARNOWSKI, C.E.P., C.E.I.

MEMBER / DIRECTOR OF ENVIRONMENTAL SERVICES

Mr. Tarnowski is a Member of Keystone Environmental Services (KES). He has over 40 years of extensive experience with both public and private agencies dealing with environmental consulting and remediation services. His current duties include department/employee/project management, QA/QC for the environmental laboratory aspect of KES in addition to marketing and business development. Some of his project experience is as follows:

- Project Manager working on New York State's largest soil gas remediation projects in Endicott, New York, Hillcrest, New York, and Norwich, New York. Responsible for T0-15 soil vapor/indoor air monitoring studies and for the design, management, and supervision of Sub-Slab Depressurization System (SSDS) installation for the remediation of over 800 residential, commercial, and industrial structures.
- Project Manager for various indoor air/environmental quality investigations for residential/commercial, educational, day care, medical, sporting, and industrial clients. Services include facility testing and personal monitoring of employees. Testing performed to identify, quantify, and enumerate chemical constituents within the air. Identify source contaminants, develop engineering specifications to mitigate contaminates, and maintain regulatory compliance.
- Project Manager for Phase I/Phase II environmental site assessments performed for lending institutions throughout New York, New Jersey, Pennsylvania, and Connecticut. Services include on site inspections, on site sampling for asbestos, lead, air quality and groundwater, state/federal record review, and report preparation.
- Project Manager for the Feintool New York, White Plains, New York, soil vapor project. Designed and managed the installation of multiple soil vapor ventilation systems to correct a Trichlorethane (TCE) vapor intrusion problem at its multi-building 45,000 sq. ft. manufacturing facility.
- Project Manager for Binghamton Plaza soil vapor project in Binghamton, New York. Designed and managed the installation of explosion proof sub-slab Depressurization Systems (SSDS) to correct methane gas seepage from a previous landfill site that caused vapor intrusion issues at an existing day care facility, bank, and fast food restaurant.
- Project Manager for environmental health study dealing with TCE soil vapor migration through residential structures in Endicott, New York. Services included owner contact and scheduling, on site investigation, data gathering per EPA's "Guidance for Evaluating the Vapor Intrusion to Indoor Air Pathway From Groundwater and Soils", and report preparation.
- Project Manager for asbestos building inventory and asbestos demolition surveys for various residential, commercial, school districts, and industrial clients in Pennsylvania and New York. Services include on-site visual inspections, development of sampling schedules, collection of samples, chain of custody documentation, lab analysis review, report writing, and recommendations for correction and/or prevention.

EDUCATION

B.S. Degree - Environmental Science - West Virginia University, 1974

CERTIFICATIONS AND LICENSES

- NYSDOH Certified Laboratory Director
- NYSDOL Licensed Asbestos Inspector and Project Monitor
- NYSDOL Licensed Asbestos Air Sampling Technician
- USEPA Licensed Lead Risk Assessor
- NYSDEC Licensed Pesticide Technician
- NYSDOS Licensed Real Estate Instructor
- NYSDOS Licensed Home Inspector
- National Environmental Health Association – Certified Radon Mitigation Provider
- OSHA 40-Hour HAZWOPER Certification
- OSHA 10-Hour Construction Safety and Health Certification
- Environmental Assessment Association - Certified Environmental Inspector
- National Association of Environmental Professionals - Certified Environmental Professional

AFFILIATIONS

- Environmental Assessment Association
- National Association of Environmental Professionals
- American Association of Radon, Scientists and Technologists



KENNETH D. ELLSWORTH, P.E., MANAGING MEMBER

Mr. Ellsworth is the Managing Member of Keystone with 32 years of extensive experience in civil engineering and other engineering disciplines. His current duties include QA/QC for the Civil Engineering Department along with marketing and business operations of the firm. Mr. Ellsworth has been the Planning Board and Construction Review Engineer for the Town of Fallsburg Planning Board since 2006. He is responsible for engineering plan review of more than 40 separate site development projects involving over 75 miles of new municipal sewer line and associated pump stations. Some of his project experience is as follows:

- Planning Board and Construction Review Engineer for the Loch Sheldrake Well House No. 3 Replacement Project. The project included survey, site design, preparation of a general engineering report, and water supply permit and agency approvals.
- Project Engineer for a review of the Town of Fallsburg's Code Office. The purpose of the review was to gain an understanding of how the office was functioning. The report provided comments and recommendations concerning the interaction of the Code Office with other Town Departments.
- Project Manager and Engineer for the Riverside Drive water main replacement project in Fallsburg, New York. The project involves the a water main replacement that will extend from Municipal Well No. 7 to County Route 53 where it will connect with a 10" river crossing.
- Town Engineer for the Town of Lumberland Planning Board. Responsible for engineering plan review of development projects involving new municipal sewer line and associated pump stations.
- Planning Board and Construction Review Engineer for sanitary and storm drainage improvements for Town of Fallsburg CDBG for \$350,000 grant funded project. The project included the preparation of construction plans and specifications, bidding and contract documents.
- Planning Board and Construction Review Engineer for the Main Street Water System Improvements CDBG Project for the Town of Fallsburg. The project included survey, design, preparation of construction documents, bidding and construction phase services.
- Planning Board and Construction Review Engineer for Sanitary and Storm Sewer Improvement Project for the Main-Lake Street Sanitary and Storm Sewer Project in South Fallsburg. The project included boundary and topographic survey, preparation of contract documents, SEQR documentation, bidding and construction phase services.
- Principal in Charge for the West Windsor Wastewater Facility project in Windsor, New York. The project involved a \$5,000,000 municipal wastewater collector sewer project including survey, design, engineering report, construction plans and specifications, bidding and contract documents, and construction review and certification for five miles of gravity main, one mile of force main, and six pump stations.
- Principal in Charge for the redevelopment of a 43-acre site and 220,000 SF building renovation (National Pipe & Plastics, Inc.) located in the Town of Union, Broome County, New York.

EDUCATION

B.S. Degree - Civil Engineering,
Syracuse University: L.C. Smith
School of Engineering, 1984

CERTIFICATIONS AND LICENSES

Registered Professional Engineer:
New York, the District of Columbia,
Maryland, Virginia, Pennsylvania,
North Carolina, South Carolina,
and Florida

**PROFESSIONAL AFFILIATIONS
AND COMMITTEES**

- American Society of Civil Engineers (Past President, Ithaca Section)
- National Society of Professional Engineers (Past President)
- Building Officials Association of the Southern Tier (BOAST)
- American Consulting Engineers Council (Current Treasurer and Past President, Southern Tier)
- American Water Works Association
- Commission on Architecture and Urban Design (CAUD), Chairman

COMMUNITY INVOLVEMENT

- Past Project Lead the Way Community Team Member, Windsor Central School District
- Treasurer, Windsor Alumni Association
- Town of Windsor Youth Board
- Broome Chamber Governmental Affairs Committee



TIMOTHY W. MARBLE, SENIOR ENVIRONMENTAL SCIENTIST

Mr. Marble has been providing environmental management and design services for over 26 years, with responsibilities for field testing, monitoring, staff supervision and training, project management, budgeting, estimating, specifications maintenance, general office, and administrative support. Mr. Marble has extensive experience with environmental regulations governing the identification, handling, remediation, and disposal of asbestos, lead, Underground Storage Tanks, HAZMAT, noise monitoring, and indoor air quality issues. Mr. Marble's other responsibilities include field investigations and supervision, project team participation, staff assignment, environmental design, client and contractor relations, construction coordination services, CADD, project related financial management, proposal preparation, quality control and quality assurance reviews, technical review and support, regulatory compliance reviews, marketing, soil vapor remediation, clerk of works, geotechnical field supervision of drilling operations, collection and evaluation of soil and rock samples, preparation of subsurface logs, establishing existing grade evaluations at boring locations, and general project support. Some of his project experience is as follows:

- Tully Central School District, Environmental Testing, Asbestos & PCB Design, and Project Monitoring and Air Sampling
- Liberty Central School District, Asbestos, Lead and PCB Reviews and Design, Project Administration, UST Remediation
- Binghamton University, Asbestos Reviews and Design, Project Administration, Geotechnical Drilling
- Binghamton Central School District, Asbestos, Lead and PCB Reviews and Design, Project Administration, Indoor Air Quality (Mold), Geotechnical Drilling
- Colton-Pierrepont Central School District, Asbestos Testing and Design, Radon Testing, Lead Testing, Project Administration
- Tioga County - New Building Campus, Asbestos/Lead/HAZMAT Testing, Asbestos/HAZMAT Design and Project Administration
- Waterville Central School District, Asbestos Testing and Design, Asbestos Demolition Survey, Geotechnical Drilling, Project Administration
- Webutuck Central School District, Asbestos Testing and Design, Asbestos Demolition Survey, Lead Testing, Project Administration
- Opportunities for Broome, Asbestos/Lead/PCB Testing, Design, Project Administration, Project Monitoring/Air Sampling, Geotechnical Drilling
- Steuben County Government, Asbestos Testing and Design, Project Administration
- Syracuse University College of Environmental Science and Forestry, Hazardous Materials Remediation Design, Free-Phase Mercury Collection and Recycling Design, Asbestos Design, Project Administration
- Maines, Noise Monitoring, Asbestos Demolition Surveys, Design, Geotechnical Drilling/Subsurface Investigation

EDUCATION

- Broome Community College - Civil Engineering
- Broome Community College – Business Administration

CERTIFICATIONS

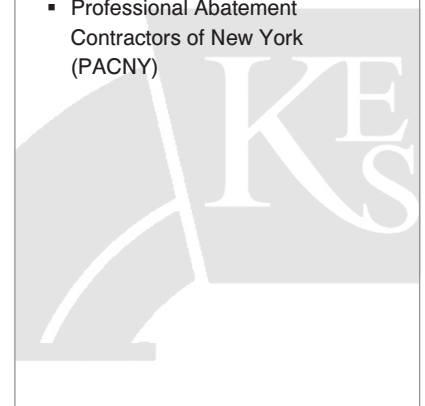
- OSHA Safety & Health Program Certification
- OSHA Construction Safety Program Certification
- NYSDOL Asbestos Inspector
- NYSDOL Asbestos Air Sampling Technician
- NYSDOL Asbestos Project Monitor
- NYSDOL Asbestos Project Designer
- PA Asbestos Inspector
- USEPA Lead Inspector

CONTINUING EDUCATION / TRAINING

- Broome-Tioga BOCES – Computer Aided Drafting Program
- Broome Community College – Writing Skills Program
- Broome Community College – Project Management Program
- State University of New York at Buffalo – Lead Inspector Certification Training
- Total Quality Project Management (TQPM) Program Training
- NYS Civil Service Exam Certification: Environmental Engineering Technician I & II

AFFILIATIONS

- Environmental Information Association
- Professional Abatement Contractors of New York (PACNY)



CHRISTIAN R. TARNOWSKI, CERTIFIED ENVIRONMENTAL HYGIENIST

Mr. Tarnowski has been an Environmental Hygienist with Keystone Environmental Services for six (6) years. His responsibilities include environmental field sampling, asbestos project monitoring/air sampling, mold assessment, remediation consulting, and project management. Mr. Tarnowski has extensive experience with radon and soil gas intrusion projects in the form of soil vapor/indoor air sampling, field diagnostics, assessment, construction specifications, and the engineering of Active Sub-Slab Depressurization systems. Some of his professional experience is as follows:

- Project Supervisor - Environmental health study, TCE soil vapor project, Norwich, New York - Project included owner contact/scheduling, site investigation, data gathering per EPA's "Guidance for Evaluating the Vapor Intrusion to Indoor Air Pathway from Groundwater and Soils", design, management, and supervision of sub-slab depressurization systems (SSDS) installation for remediation of 16 residential structures.
- Project Supervisor - Soil Vapor Remediation Project, New City, New York - Project included diagnostics, designing, and installing six (6) multi-point active soil vapor extraction systems at an existing occupied shopping plaza being impacted by organic vapors from a previous dry cleaner's operation.
- Project Supervisor - Soil Vapor Remediation Project, Harlem, New York - Project included field diagnostics, engineering layout, and the installation of over thirty (30) 2'x2' soil vapor vacuum pits in an occupied 400,000 SF commercial building.
- Project Manager for Broome County Health Department's Healthy Home Initiative Program. Project included inspection of over 90 residential properties as well as project oversight on all federally funded property repairs.
- Asbestos Project Monitor - Various sites including:
 - Binghamton Housing Authority, flood projects, Binghamton, New York
 - CRS Group Architecture, 25,000 SF roof abatement, Johnson City, New York
 - Tioga County Department of Public Works, multi-family structure demolition, Owego, New York.
 - National Pipe & Plastic, Endicott industrial facility. 586,000 SF of asbestos roofing, Endicott, New York.
 - City of Binghamton Engineering Department federally funded demolition projects.
- Asbestos building/structure inspection
 - Opportunities for Broome, multi-apartment building renovation and demolition, Binghamton, New York.
- Water Baseline Sampling/Analysis - Responsible for properly collecting potable water samples at SUNY Binghamton's three (3) one-million gallon water supply tanks and performing analysis for VOC Chemicals, Bacteria, and Chlorine.
- Mold Sampling, Assessment, and Remediation Specifications - Various sites including:
 - PepsiCo Facility warehouse/office, Binghamton, New York
 - BH Decker Associates 6,000 SF multi-family structure, Delhi, New York
 - CRS Group Architecture, 45,000 SF shopping plaza, Johnson City, New York
 - Binghamton University Center of Excellence, Binghamton, New York
 - ServPro of Broome County, various sites.

EDUCATION

B.S. - SUNY Albany 2011

CERTIFICATIONS AND LICENSES

- National Environmental Health Association - Certified Radon Mitigation Provider
- Certified Mold Inspector & Assessor
- Certified Environmental Hygienist
- NYSDOL Asbestos Project Monitor/Air Sampling Technician
- NYSDOL Asbestos Building Inspector
- NYSDOL Licensed Mold Assessor
- OSHA 10-Hour Construction Safety and Health Certification
- OSHA 40-Hour HAZWOPER Certification
- NEHA/NCHH - Healthy Homes Specialist
- Level I Certified Infrared Thermographer
- Thermographics - Energy Applications Certifications
- USEPA Lead Inspector
- NRPP Certified Residential Radon Mitigation Provider
- NRPP Certified Residential Radon Measurement Provider



BRIAN AYLWARD, ENVIRONMENTAL FIELD INSPECTOR

Mr. Aylward has been providing environmental management services for over twelve (12) years, with responsibilities for field testing, monitoring, project management, budgeting, estimating, training, and general office support.

Mr. Aylward has extensive experience with environmental regulations governing the identification, handling, remediation, and disposal of asbestos, lead, hazmat, and indoor air quality issues. Mr. Aylward's other responsibilities include field investigations, project team participation, client and contractor relations, construction coordination services, regulatory compliance reviews, soil vapor remediation, NYS DEC superfund site clean up, and XRF lead paint testing. Some of his project experience is as follows:

Asbestos, Lead, PCB, HazMat, IAQ (Mold)

- Cornell University, Asbestos, Lead and PCB Reviews and Project Monitoring/Air Sampling, Project Administration, and Industrial Hygiene
- Binghamton University, Asbestos Project Monitoring/Air Sampling, and Project Administration
- Residential Flood Projects, Asbestos, Lead and PCB Reviews, Project Monitoring/Air Sampling, Project Administration, Indoor Air Quality (Mold)
- NYS DEC Superfund Site - HazMat Cleanup
- Opportunities for Broome, Asbestos/Lead/PCB Testing, Project Monitoring/Air Sampling
- Binghamton Housing Authority, Asbestos Review/Testing, Project Monitoring/Air Sampling (Flood Projects)
- City of Binghamton, Asbestos Review/Testing, Project Monitoring/Air Sampling of Various FEMA Buyout and Blight Houses Scheduled for Asbestos Controlled Demolition.

Soil Gas Remediation Projects

- Norwich, New York, Ashland, Hercules - Field Inspector for environmental health study dealing with TCE soil vapor migration through residential structures. Services included owner contact and scheduling, on site investigation, data gathering per EPA's "Guidance for Evaluating the Vapor Intrusion to Indoor Air Pathway from Groundwater and Soils" following asbestos testing, design and project administration.
- Endicott, New York - Field Technician for environmental health study dealing with TCE soil vapor mitigation through residential structures. Services included asbestos abatement and monitoring/air sampling sub slab soil depressurization system installation.
- Various Real Estate Property - Installation and repair of radon systems - Healthy Home Initiative Program.
- Broome County Residential Properties - Inspection and repair on all federally funded property repairs.

EDUCATION

Susquehanna Valley School District

CERTIFICATIONS AND LICENSES

- OSHA 10 Hour Safety & Health Program Certification
- OSHA 40 Hour HAZWOPER
- NYSDOL Asbestos Inspector
- NYSDOL Asbestos Air Sampling Technician
- NYSDOL Asbestos Project Monitor
- U.S. Nuclear Regulatory Commission Certified Nuclear Moisture Density Gauge Operator
- OSHA Confined Space
- USEPA Lead Supervisor
- NYS Class D Driver's License
- USEPA Lead Inspector

CONTINUING EDUCATION

- XRF Lead Paint Analyzer - Manufacturer Training
- First Aid CPR Training

AFFILIATIONS

- Environmental Information Association
- Professional Abatement Contractors of New York (PACNY)



CHRIS VALEK, ENVIRONMENTAL FIELD INSPECTOR

Mr. Valek has been providing environmental management services for over fifteen (15) years, with responsibilities for field testing, monitoring, project management, budgeting, estimating, training, and general office support. Mr. Valek has extensive experience with environmental regulations governing the identification, handling, remediation, and disposal of asbestos, lead, hazmat, indoor air quality issues and Phase I environmental audits. Mr. Valek's other responsibilities include field investigations, project team participation, client and contractor relations, construction coordination services, regulatory compliance reviews, NYS DEC superfund site clean up, and XRF lead paint testing. Some of his project experience is as follows:

Asbestos, Lead, PCB, HazMat, IAQ (Mold)

- Binghamton University - Project monitoring and air sampling.
- Sidney High School - Project monitoring and air sampling.
- City of Binghamton - Asbestos surveys / testing.
- Residential flood projects (Broome County) - Asbestos surveys / testing, project monitoring and air sampling, indoor air quality (mold) investigations of FEMA buy-out and blight houses scheduled for asbestos-controlled demolition.
- First Ward Action Council - Asbestos surveys / testing, project monitoring and air sampling, indoor air quality (mold) investigations, residential environmental audits.
- U.S. Inspect - Mold investigations and asbestos testing.
- SERVPRO - Asbestos surveys / testing, project monitoring and air sampling, indoor air quality (mold) investigations.
- Johnson City High School - Project monitoring and air sampling, asbestos surveys / testing, PCB abatement, AHERA asbestos triennial and six-month surveillance surveys and reports.
- Broome-Tioga BOCES - Asbestos surveys / testing, asbestos surveys / testing, project monitoring and air sampling, indoor air quality (mold) investigations.
- Union-Endicott School District - AHERA asbestos triennial and six-month surveillance surveys and reports.
- Deposit High School - AHERA asbestos triennial and six-month surveillance surveys and reports.
- NYSDOT - Statewide asbestos surveys / testing, project monitoring and air sampling covering bridge work and residential properties.

EDUCATION

B.A. in Environmental Studies -
Binghamton University, 1991

CERTIFICATIONS AND LICENSES

- OSHA 10 Hour Safety & Health Program Certification
- NYSDOL Asbestos Inspector
- NYSDOL Asbestos Air Sampling Technician
- NYSDOL Asbestos Project Monitor
- NYSDOL Mold Assessor
- USEPA Lead Safety Renovator



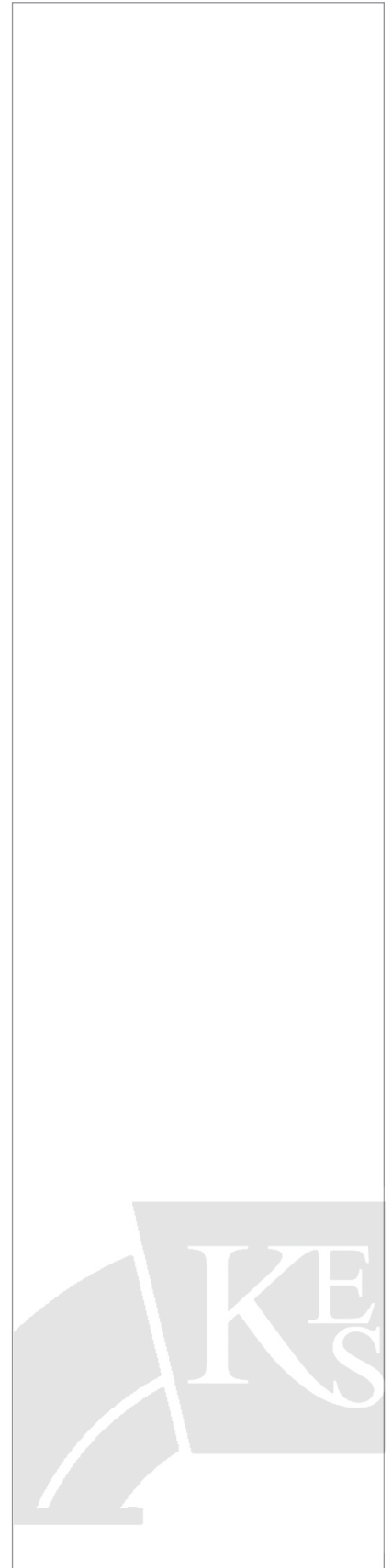




REFERENCES

- **City of Binghamton**
Mr. Ray Standish, P.E., City Engineer
38 Hawley Street, Binghamton, NY 13901; Tel: (607) 772-7007
- **Binghamton Local Development Corporation**
Mr. Robert C. Murphy, Director of Economic Development
38 Hawley Street, Binghamton, NY 13901; Tel: (607) 722-7161
- **Broome County Health Department**
Mr. Christopher Coddington, Director, Division of Environmental Health
225 Front Street, Binghamton, NY 13905; Tel: (607) 778-2887
- **Keystone Associates Architects, Engineers and Surveyors, LLC**
Mr. Paul L. Bedford, Member
58 Exchange Street, Binghamton, NY 13901; Tel: (607) 722-1100
- **Opportunities for Broome**
Ms. Kelly Robertson, Deputy Director/Head Start Clinical Supervisor
5 W. State Street, Binghamton, NY 13901; Tel: (607) 723-6493
- **Whitney Point Central School District**
Ms. Patricia Follette
PO Box 249, Whitney Point, NY 13862; Tel: (607) 692-8202

Copies of Letters of Recommendation are attached for your review.



**Whitney Point Central School District**

P.O. Box 249, Whitney Point, NY 13862

(607) 692-8202

FAX (607)692-4434

Superintendent of Schools

Patricia A. Follette

Director of Curriculum and Instruction

Jo-Ann Sexton

School Business Executive

Zachary Woodard

October 25, 2016

To whom it may concern:

This letter of recommendation comes in support of Keystone Environmental Services.

The Whitney Point Central School District authorized Keystone Environment Services to perform radon testing in May of 2016. We were impressed with their knowledge and ability to move and work professionally within all buildings without interfering with the instructional processes of the schools. Each building had unique needs which were addressed with appropriate strategies and expertise.

The professionals at Keystone Environmental Services were helpful in understanding with our district's desire to be proactive and assure the safety of our students. Their evaluation, plans and installation of mitigation systems in identified areas were reasonable and professionally executed.

I believe Keystone Environmental Services does an outstanding job of balancing the many roles and functions within their client's setting. They are passionate about what they do, and exhibit the interpersonal skills and excellent communication to be effective in any setting.

I strongly recommend that you consider Keystone Environmental Services for the needs of your company.

Sincerely,

Patricia Follette
Superintendent

The Mission of the Whitney Point Central School District is to provide an excellent education ensuring that all children maximize their potential, become contributing citizens, and pursue lifelong learning.



Broome County Health Department
Environmental Health Services

Debra A. Preston, County Executive . Claudia A. Edwards, MS, Public Health Director

225 Front Street . Binghamton, New York 13905

Phone: (607) 778-2887 . Fax: (607) 778-3912 . www.gobroomecounty.com

March 3, 2014

Broome County Health Department
Division of Environmental Health
225 Front St
Binghamton, NY 13905

Re: Keystone Material Testing Healthy Homes work

To Whom It May Concern:

Keystone Material Testing, LLC was awarded a 2-year contract with the Broome County HUD Lead Hazard Control Program in March 2012. Keystone provided HUD Healthy Homes Rating System (HHRS) inspections and health/safety related repairs to low-income homes assisted through our program. The HHRS inspections and repairs identified, assessed and corrected hazards accessible to occupants. Keystone worked diligently within strict and rapidly approaching deadlines to meet program objectives. Keystone's professionalism was apparent from beginning to end. It was a pleasure working with Keystone and the Division of Environmental Health, Broome County Health, would consider working with them on future projects.

Sincerely,

Christopher Coddington
Director, Division of Environmental Health



Department of Engineering

Mayor, Richard C. David
City Engineer, Philip T. Krey, P.E.

May 14, 2014

Re: Keystone Material Testing Asbestos Term Agreement

To Whom It May Concern:

Keystone Material Testing, LLC has been under contract with the City of Binghamton to provide asbestos-related services since 2013. The initial contract was for one year, with options for renewal. The City elected to renew their contract for the 2014 term.

Keystone provided asbestos survey and monitoring services for the demolition of 18 flood damages homes, which was part of the FEMA buyout program. These services are also being provided for the demolition of eight blighted structures, under the CDBG program. The City relies on Keystone to address any asbestos-related issues that arise on City property.

Keystone has been very responsive, thorough, and professional while performing the services under their contract. They coordinate closely with the City, abatement contractors, and demolition contractors to expedite the work under compressed schedule constraints. They are very competent, and thoroughly understand the regulations and procedures related to asbestos work.

I am very pleased with the work Keystone has accomplished thus far, and would consider working with them on future projects.

Sincerely,

Philip T. Krey, P.E.
City Engineer



May 15, 2014

Binghamton Local Development Corporation
38 Hawley Street, City Hall, 4th Floor
Binghamton, NY 13901

RE: Keystone Environmental Assessment/Testing:

To Whom It May Concern:

In the fall of 2013, Keystone Environmental Services was awarded a contract with the Binghamton Local Development Corporation as part of a City revitalization initiative to create opportunities for quality mixed use development in the downtown corridor. Over the course of several months, Keystone provided a series of environmental inspections and testing for commercial mixed use buildings. During these site inspections, environmental hazards were identified and corrected to ensure the safety of patrons and residents. Throughout this process Keystone's team was very knowledgeable, worked efficiently, and exemplified the highest level of professionalism. The BLDC has enjoyed conducting business with such an esteemed member of our business community.

Furthermore, in my prior employment in private practice, I have worked with Keystone Environmental Services and its predecessors.

As we continue our efforts to revitalize commercial corridors in the City of Binghamton, we look forward to working with Keystone in the future.

Sincerely,

Robert C. Murphy
Executive Director, Binghamton Local Development Corporation



July 20, 2017

Ms. Margaret Scarinzi
Executive Director
Broome County Land Bank Corporation
60 Hawley Street, 5th Floor
Binghamton, New York 13901

Proposal for Structural, Environmental Evaluation
And Demolition Design
85 Trafford Road, Town of Chenango
349 Second Avenue, Town of Vestal
231 Bevier Street, Town of Dickinson
634-636 Upper Court Street, Town of Kirkwood
KES Proposal # P07317

Ms. Scarinzi:

Keystone Environmental Services (KES) is pleased to provide this proposal to the Broome County Land Bank Corporation (BCLBC) to perform the above noted environmental consulting services.

The following is the anticipated scope of services that we will provide based on your July 7, 2017 Request for Proposal and your July 10, 2017 Addendum #1.

1.0 SCOPE OF SERVICES

1.1 Structural Evaluation

- 1.1.1 A NYS Licensed Professional Engineer will inspect 349 Second Avenue in the Town of Vestal and issue a “Letter of Recommendation for Condemnation” to allow for the controlled demolition of the structure with asbestos in place.
- 1.1.2 KES’s NYS Licensed Professional Engineer will provide project oversight and direct supervision of asbestos abatement design for all four project structures.

1.2 Asbestos Pre-Demolition Surveys

- 1.2.1 A New York State Certified Asbestos Building Inspector will visit 231 Bevier Street in the Town of Dickinson and 634-636 Upper Court Street in the Town of Kirkwood to identify homogenous areas and collect asbestos bulk samples of suspect building materials scheduled to be disturbed as part of the proposed demolition project in accordance with the requirements outlined in 12 NYCRR 56. EPA AHERA 40 CFR 763.86, and pertinent sections of OSHA 1926.1101.
- 1.2.2 If available, KES will review building/structure plans, previous sampling reports/results, or any previous site reviews for reference to asbestos containing materials (ACM).
- 1.2.3 KES will collect field data for quantification and estimating purposes.

- 1.2.4 KES will submit all samples to a NYSDOL ELAP accredited laboratory for analysis.
- Bulk sample analysis shall be performed by an independent laboratory approved/accredited by the NYS Department of Health (ELAP), the American Industrial Hygiene Association (AIHA), and the National Voluntary Laboratory Accreditation Program (NVLAP).
 - Analysis of all “non-NOB” materials shall be performed by Polarized Light Microscopy (PLM) following the EPA 600/M4-82-020 and the NYSDOH ELAP 198.1 methodologies.
 - Analysis of all NOB samples shall initially be performed by NYSDOH ELAP 198.6 PLM methodology. If all samples from a given sample set are reported as non-asbestos by 198.6, samples will then be analyzed by NYSDOH ELAP 198.4 TEM methodology.
 - Analysis of Spray on Fireproofing shall be performed by Polarized Light Microscopy (PLM) NYSE LAP 198.8 initially be segment 1 (chrysotile prep and analysis), segment 2 (chrysotile plus amphiboles preparation), then full analysis and prep (chrysotile and amphiboles). Costs detailed in our proposal under 5.0 Compensation for Spray on fireproofing is for 198.8 full analysis.
 - Vermiculite, if present, will be presumed ACM for report purposes in accordance with NYSDOH requirements.
- 1.2.5 KES will review analytical results and prepare sampling location sketches. Sample location CADD drawings can be prepared if existing CADD/PDF drawings are supplied by the client.
- 1.2.6 KES will submit final lab results in asbestos survey reports for 231 Bevier Street and 634-636 Upper Court Street per the requirements of 12 NYCRR Part 56-5.1, (f) – “Building/Structure Asbestos Survey Information”. The survey reports shall include the building/structure name, address, the owner’s name and address, listing of all homogeneous areas via drawing, identifying which areas are ACM, laboratory reports for bulk samples collected, and appropriate laboratory certifications used for analysis. The survey reports shall identify the locations, quantities, friability, and conditions of all materials identified as asbestos containing through bulk sample analysis.

1.3 Asbestos Project Design, Bid Document Review, Post Construction and Final Project Close Out Services

- 1.3.1 A NYSDOL certified Asbestos Designer will be assigned to the project to prepare design documents for the demolition and disposal of the four (4) project structures.
- 1.3.2 KES will prepare design documents for all four structures which will include asbestos abatement, hazardous material remediation and site restoration.
- 1.3.3 KES will coordinate review with involved agencies and municipal code enforcement; obtain any and all necessary permits, and any other items to develop bid documents. The demolition designs and site restorations will be in accordance with all applicable codes, rules and regulations, such as but not limited to the NYS Department of Labor (NYSDOL), NYS Department of Environmental Conservation (NYSDEC), and other applicable Federal / State / Local Regulations and Codes.

1.3.4 KES will provide support and supervision of the bid procurement and project asbestos abatement, demolition and site restoration. KES work tasks will include meeting attendance, contractor submittal reviews, review of bid documents, bid procurement, contractor recommendation, addendums, requests for information and project closeout services in addition to the following work tasks:

- Preparation of bid documents for public bid and bid support.
- Meeting attendance, contractor submittal review, bid document review, bid procurement.
- Post construction phase and final project close-out services.
- Miscellaneous technical support and assistance as necessary.

1.4 Asbestos Project Monitoring / Air Sampling and Construction Inspection Services

1.4.1 A NYS/EPA certified Project Monitor/Air Sampling Technician (PM/AST) will be assigned to the project to perform the necessary project monitoring, air sampling and air sample laboratory analysis as required by the New York State Department of Labor's Code Rule 56 (herein referred to as 12 NYCRR Part 56) and if necessary, USEPA's AHERA Regulations at both project work sites.

1.4.2 Air Monitoring and Sample Analysis

- A. Provide necessary certified labor (NYS/DOL Certified Air Sampling Technician), equipment, and media to perform air monitoring as per regulations set forth in 12 NYCRR Part 56-4 and if necessary, AHERA Air monitoring shall be performed for all phases of the asbestos abatement project as required by the given work area classification (i.e. minor/small/large) including:
- a. Phase I B, Part 56-6, background air sampling requirements.
 - b. Phase IIA, Part 56-7.1, work area preparation air sampling requirements.
 - c. Phase IIB, Part 56-8.1, asbestos abatement air sampling requirements.
 - d. Phase IIC, Part 56-9.2, final cleaning and clearance procedure.
- B. Courier or mail samples to an approved laboratory for analysis.
- C. Air sample analysis shall be performed by an independent laboratory. The laboratory used for all Phase Contrast Microscopy (PCM) analysis shall be approved/accredited by the NYS Department of Health (ELAP). The laboratory used for all Transmission Electron Microscopy (TEM) analysis (if necessary) shall be approved/accredited by the NYS Department of Health (ELAP), the American Industrial Hygiene Association (AIHA), and the National Voluntary Laboratory Accreditation Program (NVLAP).
- D. Analysis of all air samples shall be performed by Phase Contrast Microscopy (PCM) as per the NIOSH 7400 A Rules methodology.
- E. Provide required daily documentation (i.e. sample results, logs, reports, drawings, etc.) and response actions per regulations set forth in 12 NYCRR Part 56-4.

- 1.4.3 Project Monitoring – Provide NYSDOL Certified Project Monitor to enforce all Federal/State/Local regulations and related provision (i.e. client specifications)
- A. Perform daily general review of project documentation including:
 - a. Company licensing information
 - b. Worker documentation (asbestos certificate, medical/fit-test certification)
 - c. Project notification (and amendments)
 - d. Site specific variances
 - e. Air sampling results
 - f. Contractor supervisor’s log
 - g. Project bulk sample inspection/survey documentation
 - h. Inspection of daily abatement operations
 - B. Project monitoring duties to include:
 - a. Maintaining daily log
 - b. Daily inspections during work area preparation activities
 - c. Performance of pre-abatement visual inspection
 - d. Daily inspections during abatement activities
 - e. Daily inspections during cleaning activities
 - f. Performance of a final visual inspection as per the requirements of 12 NYCRR Part 56-9.1 (d)(1)
- 1.4.4 KES is not responsible for review/approval of the client’s asbestos abatement contractor’s means/methods of construction, coordination/scheduling of construction, or job safety except as it relates directly to KES work.
- 1.4.5 KES shall prepare final project monitoring reports for the project sites to include all project information, documentation, daily logs, and air sample results as required by 12 NYCRR Part 56-4.
- 1.4.6 KES will perform post abatement construction inspection services for the site restoration work phase at each project site.

2.0 PROJECT SCHEDULE

- 2.1 KES can begin the project work within 48 hours from a Notice to Proceed.
- 2.2 KES on-site monitoring services and project management services are contingent upon the results of the asbestos surveys and the selected abatement contractor’s work schedules.
- 2.3 Final reports will be available within ten (10) business days from results of final lab analysis results and submittals of the require abatement contractor documents.

3.0 PROPOSAL ASSUMPTIONS

- 3.1 Standard sample lab analysis turnaround time for asbestos bulk samples shall be five (5) days from the time the samples are received at the lab.
- 3.2 Standard sample lab analysis turnaround time for asbestos PCM samples shall be twenty-four (24) hours from the time the samples are received at the lab.

- 3.3 BCLBC will be responsible to provide all criteria/documentation of the properties and access requirements necessary to properly proceed with the assignment for these services. KES is entitled to rely upon such data provided.
- 3.4 KES shall provide construction support/coordination as a liaison between the BCLBC and the abatement contractors and attend up to four (4) project meetings as needed.
- 3.5 KES will provide one (1) hard copy report and (1) electronic report of the final Asbestos Building Inspection Report and final Project Monitoring Report for each project site.
- 3.6 KES will provide miscellaneous technical support and assistance and provide post construction phase and final project close out services as needed.
- 3.7 KES project costs assume project will include all four (4) structures and site locations will not be awarded individually.

4.0 COMPENSATION

- 4.1 KES proposes to provide the services as defined in Section 1.0 for an Estimated (EST) amount of \$19,831.00 plus unknown "Project Monitoring/Air Sampling" costs for 231 Bevier Street and 634-636 Upper Court Street. KES has provided unit rate costs for those locations and once pre-demolition surveys are completed and ACM has been identified, KES can provide PM/AS costs.
- 4.2 A KES bid form is enclosed in Section 4 of our bid proposal. Any additional work above and beyond the estimated quotations included on KES's bid form shall be performed at the rates found in on Page 33 of the Bid Proposal entitled "2017 Environmental Consulting Fees".

5.0 EXPENSES

- 5.1 Reimbursable expenses are included in the EST fee as detailed in Appendix A bid form.

6.0 EXTRA WORK REQUESTS

- 6.1 If work on this project is believed by KES to be beyond, or in addition to, the base Scope of Services we will notify you immediately. Upon your approval we will proceed with this additional work and bill based on the provided unit pricing found on Page 33 entitled "Environmental Consulting Fees."

Ms. Margaret Scarinzi
Executive Director
Broome County Land Bank Corporation
60 Hawley Street, 5th Floor
Binghamton, New York 13901

7.0 AGREEMENT TERMS

7.1 This proposal agreement will be considered firm for 30 days from its date. The services will be provided in accordance with the terms and conditions listed herein.

Thank you for allowing us to submit this proposal and please do not hesitate to contact me with any questions.

Respectfully,
KEYSTONE ENVIRONMENTAL SERVICES



Richard J. Tarnowski, C.E.P., C.E.I.
Member/Director of Environmental Services

P:\Proposals\2017\PO7317 - Broome County Land Bank - Asbestos Demolition Design\Proposal -BCLB_Various Sites.docx

BID FORM
STRUCTURAL AND ENVIRONMENTAL EVALUATION AND DEMOLITION DESIGN
 In conjunction with
DEMOLITION OF FOUR (4) RESIDENTIAL PROPERTIES

Company Name: Keystone Environmental Services
 Point of Contact: Richard J. Tarnowski, CEP, CEI
 Address: 58 Exchange Street, Binghamton, New York 13901
 Phone: (607) 723-5117, (607) 770-9098
 Email: rtarnowski@kecompanies.com Fed ID: 16-1548839

Site #/ Location	85 Trafford Road, Town of Chenango	Estimated Cost
Services Required	Asbestos Design, Asbestos Project Monitoring and Air Sampling, Site Restoration Construction Inspections	
Asbestos Design	<ul style="list-style-type: none"> • Project Manager: 1 hour @ \$90.00 per hour • Asbestos Designer: 14 hours @ \$75.00 per hour • CADD Technician: 2 hours @ \$55.00 per hour • Admin: 4 hours @ \$45.00 per hour 	\$ 90.00 \$1,050.00 \$ 110.00 \$ 180.00
Asbestos Project Monitoring / Air Sampling and Construction Inspections	<ul style="list-style-type: none"> • Project Manager: 0.5 hours @ \$90.00 per hour • Asbestos Project Monitor / Air Sampling Technician: 18 hours \$50.00 per hour • Construction Inspection: 6 hours @ \$50.00 per hour • Admin: 4 hours @ \$45.00 per hour • 24 Hour PCM Lab Analysis Fee – 23 @ \$6.00 each • Mileage – 60 miles at \$0.60 per mile 	\$ 45.00 \$ 900.00 \$ 300.00 \$ 180.00 \$ 138.00 \$ 36.00
Cost Assumptions:	<ul style="list-style-type: none"> • Not to exceed cost assumes 2 contractor working days for demolition and one half day for site restoration. • 12 Hour PCM Lab Analysis Fee – \$10.00/sample 	
	NOT TO EXCEED PROJECT COST FOR SITE #1	\$3,029.00

BID FORM
STRUCTURAL AND ENVIRONMENTAL EVALUATION AND DEMOLITION DESIGN
In conjunction with
DEMOLITION OF FOUR (4) RESIDENTIAL PROPERTIES

Site #2 Location	349 Second Avenue, Town of Vestal	
Services Required	Structural Evaluation and Condemnation Letter Asbestos Design, Asbestos Project Monitoring / Air Sampling, Site Restoration Construction Inspections	
Structural Evaluation	<ul style="list-style-type: none"> • Structural Evaluation and Condemnation Letter • NYS PE: 3 hours @ \$140.00 per hour • Admin: 1 hour @ \$45.00 per hour 	\$ 420.00 \$ 45.00
Asbestos Design	<ul style="list-style-type: none"> • Project Manager: 0.5 hours @ \$90.00 per hour • Asbestos Designer: 14 hours @ \$75.00 per hour • CADD Technician: 2 hours @ \$55.00 per hour • Admin: 4 hours @ \$45.00 per hour 	\$ 45.00 \$1,050.00 \$ 110.00 \$ 180.00
Asbestos Project Monitoring / Air Sampling and Construction Inspections	<ul style="list-style-type: none"> • Project Manager: 0.5 hours @ \$90.00 per hour • Asbestos Project Monitor / Air Sampling Technician: 18 hours \$50.00 per hour • Construction Inspection: 6 hours @ \$50.00 per hour • Admin: 4 hours @ \$45.00 per hour • 24 Hour PCM Lab Analysis Fee – 23 @ \$6.00 each • Mileage – 60 miles at \$0.60 per mile 	\$ 45.00 \$ 900.00 \$ 300.00 \$ 180.00 \$ 138.00 \$ 36.00
Cost Assumptions:	<ul style="list-style-type: none"> • Not to exceed cost assumes 2 contractor working days for demolition and one half day for site restoration. • 12 Hour PCM Lab Analysis Fee – \$10.00/sample 	
	NOT TO EXCEED PROJECT COST FOR SITE #2	\$3,449.00

BID FORM
STRUCTURAL AND ENVIRONMENTAL EVALUATION AND DEMOLITION DESIGN
 In conjunction with
DEMOLITION OF FOUR (4) RESIDENTIAL PROPERTIES

Site #3 Location	231 Bevier Street, Town of Dickinson	
Services Required	Asbestos Pre-Demolition Survey Asbestos Design, Asbestos Project Monitoring and Air Sampling, Site Restoration Construction Inspections	
Asbestos Pre-Demolition Survey	<ul style="list-style-type: none"> • Project Manager: 0.5 hours @ \$90.00 per hour • Asbestos Building Inspector: 8 hours @ \$55.00 per hour • CAAD Technician: 2 hours @ \$55.00 per hour • Admin: 2 hours @ \$45.00 per hour • PLM Friable Bulk Samples: 26 @ \$8.00 each • TEM NOB Bulk Samples: 36 @ \$37.00 each 	\$ 45.00 \$ 440.00 \$ 110.00 \$ 90.00 \$ 208.00 \$1,332.00
Asbestos Project Design	<ul style="list-style-type: none"> • Project Manager: 0.5 hours @ \$90.00 per hour • Asbestos Designer: 25 hours @ \$75.00 per hour • CADD Technician: 3 hours @ \$55.00 • Admin: 6 hours @ \$45.00 per hour 	\$ 45.00 \$1,875.00 \$ 165.00 \$ 270.00
Asbestos Project Monitor / Air Sampling and Construction Inspections	<ul style="list-style-type: none"> • Project Manager: 0.5 hours @ \$90.00 per hour • Asbestos Project Monitor / Air Sampling Technician: \$50.00 per hour • Construction Inspection: 6 hours @ \$50.00 per hour • Admin: 4 hours @ \$45.00 per hour • 24 Hour PCM Lab Analysis Fee - \$6.00 each • Mileage - \$0.60 per mile 	\$ 45.00 TBD \$ 300.00 \$ 180.00 TBD TBD
Cost Assumptions:	<ul style="list-style-type: none"> • Project Monitoring / Air Sampling (PM/AS) Costs Cannot Be Determined Until Results of Asbestos Pre-Demolition Survey are Known • KES has provided unit rates for project monitoring/air sampling services • 12 Hour PCM Lab Analysis Fee – \$10.00/sample 	
	ESTIMATED PROJECT COST FOR SITE #3	\$5,105.00 Plus PM/AS Costs

BID FORM
STRUCTURAL AND ENVIRONMENTAL EVALUATION AND DEMOLITION DESIGN
 In conjunction with
DEMOLITION OF FOUR (4) RESIDENTIAL PROPERTIES

Site #4 Location	634-636 Upper Court Street, Town of Kirkwood	
Services Required	Asbestos Pre-Demolition Survey Asbestos Design, Asbestos Project Monitoring and Air Sampling, Site Restoration Construction Inspections	
Asbestos Pre-Demolition Survey	<ul style="list-style-type: none"> • Project Manager: 0.5 hours @ \$90.00 per hour • Asbestos Building Inspector: 12 hours @ \$55.00 per hour • CAAD Technician: 2 hours @ \$55.00 per hour • Admin: 4 hours @ \$45.00 per hour • PLM Friable Bulk Samples: 42 @ \$8.00 each • TEM NOB Bulk Samples: 101 @ \$37.00 each 	\$ 45.00 \$ 660.00 \$ 110.00 \$ 180.00 \$ 336.00 \$3,737.00
Asbestos Project Design	<ul style="list-style-type: none"> • Project Manager: 0.5 hours @ \$90.00 per hour • Asbestos Designer: 29 hours @ \$75.00 per hour • CADD Technician: 3 hours @ \$55.00 per hour • Admin: 6 hours @ \$45.00 per hour 	\$ 45.00 \$2,175.00 \$ 165.00 \$ 270.00
Asbestos Project Monitor / Air Sampling and Construction Inspections	<ul style="list-style-type: none"> • Project Manager: 0.5 hours @ \$90.00 per hour • Asbestos Project Monitor / Air Sampling Technician: \$50.00 per hour • Construction Inspection: 6 hours @ \$50.00 per hour • Admin: 4 hours @ \$45.00 per hour • 24 Hour PCM Lab Analysis Fee - \$6.00 each • Mileage - \$.60 per mile 	\$ 45.00 TBD \$ 300.00 \$ 180.00 TBD TBD
Cost Assumptions:	<ul style="list-style-type: none"> • Project Monitoring / Air Sampling (PM/AS) Costs Cannot Be Determined Until Results of Asbestos Pre-Demolition Survey are Known • KES has provided unit rates for project monitoring/air sampling services • 12 Hour PCM Lab Analysis Fee – \$10.00/sample 	
	ESTIMATED PROJECT COST FOR SITE #4	\$8,248.00 Plus PM/AS Costs

2017 ENVIRONMENTAL CONSULTING FEE SCHEDULE

SERVICE	UNIT FEE
PERSONNEL	
Member/Director	\$ 120.00/Hour
Professional Engineer	\$ 120.00/Hour
Project Manager	\$ 90.00/Hour
Sr. Environmental Scientist	\$ 85.00/Hour
Environmental Hygienist	\$ 85.00/Hour
Environmental Field Sampling Technician	\$ 75.00/Hour
Lead Inspector/Risk Assessor	\$ 75.00/Hour
Asbestos Building Inspector	\$ 75.00/Hour
Asbestos Project Designer	\$ 75.00/Hour
Asbestos Project Monitor/Air Sampling Technician	\$ 65.00/Hour
Asbestos Project Administrator/Management Planner	\$ 60.00/Hour
Thermal Imaging Level I Technician with Camera	\$ 110.00/Hour
CADD Technician	\$ 55.00/Hour
Administration	\$ 45.00/Hour
Light Duty Field Sampling Vehicle Fully Equipped	\$ 175.00/Day
REIMBURSABLE EXPENSES	
Laboratory Fees – Asbestos, Lead, Mold, HAZMAT	
Sample Analysis	Per Quote (Cost +)
Reproduction/Prints/Scans/Photocopies	
In-House Prints 24x36	\$ 2.50/Each
30x42	\$ 3.00/Each
In-House Mylars 24x36	\$ 10.00/Each
30x42	\$ 15.00/Each
In-House Copy Services 8½x11	\$ 0.20/Each
11x17	\$ 0.30/Each
Outside Copy Services	Cost + 10%
Travel	
Mileage	\$ 0.60/Mile
Meals/Lodging	Cost + 10%
Vehicle Rental/Fuel	Cost + 10%
Postage/Courier	
Bulk Postage, Express Mail, UPS, FedEx, DHL, etc.	Cost + 10%
Miscellaneous	
Film & Photo Developing	Cost + 10%
Consumable Samples (Project Related)	Cost + 10%

The above hourly rates include compensation for professional, technical and non-technical personnel time, equipment, materials, and overhead, which ordinarily would be incurred during the performance of our work. Services are normally billed monthly. A finance charge of 1.5% per month will be billed on all accounts not paid within 30 days of the invoice date. Rates will be revised on January 1 of every year.





DATE: July 10, 2017

SUBJECT: ADDENDUM #1 - Request for Cost and Schedule Proposal
Structural & Environmental Evaluation and Demolition Design
Cost Proposal

FROM: Margaret Scarinzi, Executive Director
Broome County Land Bank Corporation

Section IV:

Cost Proposal – Per the terms of the Broome County DPW contract, please quote a cost plus not-to-exceed cost for each property individually. Clearly indicate separate costs for each service, as well as the total cost of services.

Cost proposal should include the following elements:

1. Structural Evaluation (349 Second Avenue, Town of Vestal):
 - Lump Sum cost for Structural Evaluation Services detailed in Section II, A and B, of original RFP. Please specify hourly rate and estimated hours.
2. Pre-Demolition Asbestos Surveys:
 - Provide Not-to-Exceed cost for Survey services detailed in Section II, C and D, or original RFP on a “per property” basis.
 - Taking the samples, testing, labor (hourly rate), and preparation of report for pre-demolition asbestos survey. Specify the minimum number of sample materials required for suspected material including surface treatments, thermal insulation, roofing and siding, and miscellaneous. The sampling and subsequent analysis should be the same through the pre-abatement, abatement, and post-abatement periods. No materials shall be assumed to be asbestos based on appearance. Each suspected friable material shall include cost per sample for testing for the PLM. A cost per sample for suspected non-friable material shall include testing for PLM-NOB and TEM-NOB.
 - Provide a cost for analysis of samples at a certified laboratory that is either accredited by the American Industrial Hygiene Association or by the New York State Department of Health.

3. Design Documents and Bid Documents/Bid Support:
 - Provide a Not-to- Exceed cost for design services and bid document/bid support services detailed in Section II, E and F, of the original RFP for all four (4) properties (single bid package for all 4).

4. Construction Phase Services including Project Monitoring Air Monitoring Services and Construction Inspection Services:
 - Hourly Rate for Project and Air Monitoring per the requirements set forth in NYSDOL Code Rule 56 (including sample collection, visual inspections, site/travel/daily logs).
 - Hourly rate for Construction Inspection.
 - Unit rate for PCM Laboratory Analysis (24-hr. turnaround)
 - Unit rate for PCM Laboratory Analysis (<12-hr. turnaround)

5. Post construction phase and final project close-out services:
 - Provide Not-to Exceed cost for post construction phase and final project close-out services, including but not limited to site restoration and final walk-through for all properties, collectively. Please specify hourly rate and estimated hours.

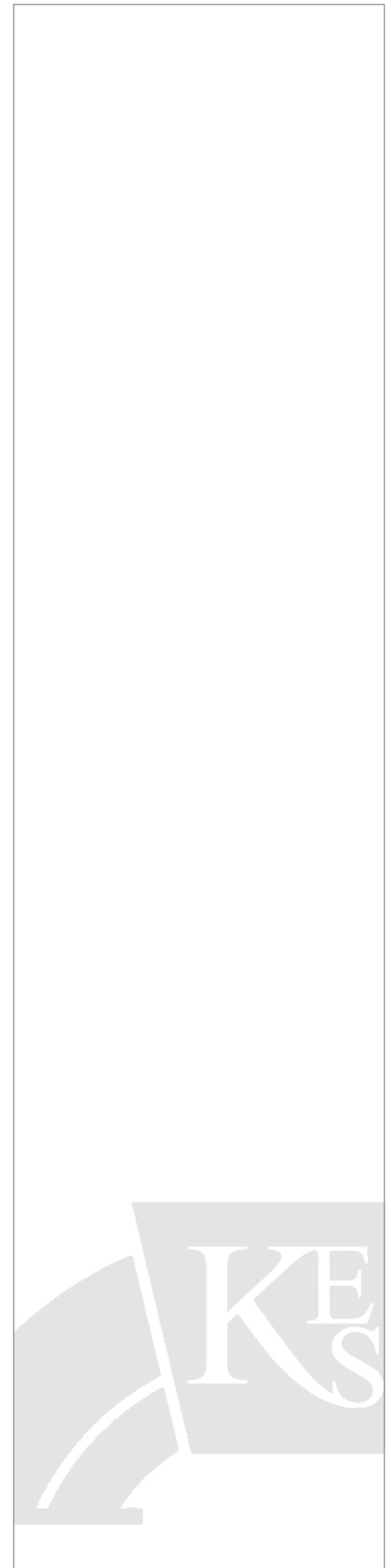
PROPOSAL DUE DATE: 2:00 pm on Thursday, July 20, 2017

SUBCONSULTANTS



Keystone Environmental Services (KES), is a NYSDOH environmental approved laboratory (ELAP #11394) and will team with AmeriSci of Richmond to perform environmental and asbestos lab analysis for this contract.

AmeriSci, a NYSELAP / NVLAP certified MBE laboratory, is a group of service oriented laboratories specializing in asbestos, microbial and environmental testing/analysis. They are a fully equipped and staffed laboratory with the necessary infrastructure systems to provide all of the necessary environmental and asbestos lab analysis needed for this contract.

The laboratory facilities at AmeriSci includes instrumentations and computer management systems that provide an efficient means to comply with the methods and protocols of the Environmental Protection Agency (EPA), American Public Health Association (APHA), National Institute of Standards and Technology (NIST), National Voluntary Laboratory Accreditation Program (NVLAP), National Environmental Laboratory Accreditation Program (NELAP), American Industrial Hygiene Association (AIHA), National Institute for Occupational Safety and Health (NIOSH), American Society for Testing and Materials (ASTM), RoHS Compliance (Restriction of Hazardous Substances), CA Proposition 65, United States Department of Agriculture (USDA), Food and Drug Administration (FDA), and various other applicable Federal, State, and Local programs, guidelines, and regulations.




STATE OF NEW YORK - DEPARTMENT OF LABOR
ASBESTOS CERTIFICATE





RICHARD J TARNOWSKI
CLASS(EXPIRES)
C ATEC(05/18) D INSP(05/18)
H PM (05/18)

CERT# 92-17859
DMV# 627446856

MUST BE CARRIED ON ASBESTOS PROJECTS




STATE OF NEW YORK - DEPARTMENT OF LABOR
ASBESTOS CERTIFICATE





TIMOTHY W MARBLE
CLASS(EXPIRES)
C ATEC(06/18) D INSP(06/18)
H PM (06/18) I PD (06/18)

CERT# 90-03373
DMV# 238469986

MUST BE CARRIED ON ASBESTOS PROJECTS




STATE OF NEW YORK - DEPARTMENT OF LABOR
ASBESTOS CERTIFICATE





BRIAN W AYLWARD
CLASS(EXPIRES)
C ATEC(09/17) D INSP(09/17)
H PM (09/17)

CERT# 97-21594
DMV# 206213504

MUST BE CARRIED ON ASBESTOS PROJECTS




STATE OF NEW YORK - DEPARTMENT OF LABOR
ASBESTOS CERTIFICATE





CHRISTIAN R TARNOWSKI
CLASS(EXPIRES)
C ATEC(09/17) D INSP(09/17)
H PM (09/17)

CERT# 11-19132
DMV# 820613934

MUST BE CARRIED ON ASBESTOS PROJECTS




STATE OF NEW YORK - DEPARTMENT OF LABOR
ASBESTOS CERTIFICATE



CHRIS A VALEK
CLASS(EXPIRES)
C ATEC(12/17) D INSP(12/17)
H PM (12/17)

CERT# 01-02988
DMV# 781080767

MUST BE CARRIED ON ASBESTOS PROJECTS



New York State – Department of Labor
Division of Safety and Health
License and Certificate Unit
State Campus, Building 12
Albany, NY 12240

ASBESTOS HANDLING LICENSE

Keystone Material Testing, L.L.C. dba Enviro Testing FILE NUMBER: 11-57448
58 Exchange St. LICENSE NUMBER: 57448
Binghamton, NY 13901 LICENSE CLASS: RESTRICTED
DATE OF ISSUE: 01/05/2017
EXPIRATION DATE: 01/31/2018

Duly Authorized Representative – Richard J Tarnowski:

This license has been issued in accordance with applicable provisions of Article 30 of the Labor Law of New York State and of the New York State Codes, Rules and Regulations (12 NYCRR Part 56). It is subject to suspension or revocation for a (1) serious violation of state, federal or local laws with regard to the conduct of an asbestos project, or (2) demonstrated lack of responsibility in the conduct of any job involving asbestos or asbestos material.

This license is valid only for the contractor named above and this license or a photocopy must be prominently displayed at the asbestos project worksite. This license verifies that all persons employed by the licensee on an asbestos project in New York State have been issued an Asbestos Certificate, appropriate for the type of work they perform, by the New York State Department of Labor.

Eileen M. Franko
Eileen M. Franko, Director
For the Commissioner of Labor

SH 432 (8/12)

The University of the State of New York
Education Department
Office of the Professions
REGISTRATION CERTIFICATE
Do not accept a copy of this certificate

Licenses Number: 066049-1 Certificate Number: 9579351

ELLSWORTH KENNETH DUANE
58 EXCHANGE STREET
BINGHAMTON NY 13901-0000

is registered to practice in New York State through 02/29/2020 as a(n)
PROFESSIONAL ENGINEER

LICENSEE/REGISTRANT
Kenneth Duane Ellsworth
EXECUTIVE SECRETARY

MaryEllen Elia
COMMISSIONER OF EDUCATION
Debra E. Kelly
DEPUTY COMMISSIONER
FOR THE PROFESSIONS

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