NYC 9/11 Public Portal Document

THE CITY OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF ENVIRONMENTAL COMPLIANCE
ASBESTOS CONTROL PROGRAM

AIR MONITORING AND ANALYSIS SERVICE CONTRACT

SCOPE OF WORK

A. Introduction

All work performed under this contract must be in compliance with all applicable, relevant, and appropriate regulations, including but not limited to those of the United States Environmental Protection Agency (USEPA), the United States Department of Labor Occupational Safety and Health Administration (USOSHA), the New York State Department of Labor (NYSDOL), the New York State Department of Health Environmental Laboratory Approval Program (ELAP) and the New York City Department of Environmental Protection (NYCDEP). The services required must be provided during regular business hours and weekends. The number of samples and other tasks are estimates for bidding purposes, with no minimum guarantee. This contract will be awarded to the lowest responsive and responsible bidder. The items listed on the bid sheet reflects the types of services required. A pre-bid conference shall be scheduled at the DEP office , at 59-17 Junction Boulevard, 8th floor.

B. Contract Term

This contract shall be in force for 120 consecutive calendar days from the NYC DEP commencement date.

C. Qualification

The laboratory must be in compliance with the National Environmental Laboratory Accreditation Conference (NELAC) standards and have certification by ELAP in the category of Airborne Asbestos by Transmission Electron Microscopy (TEM) and Phase Contrast Microscopy (PCM). Certification must be maintained for at least 6 consecutive proficiency testing rounds.
Air monitoring technicians must possess valid NYS Asbestos Project Sampling Technician (APST) certificates. Technicians must have performed air monitoring for at least 2 years and conducted final clearance inspections on at least 50 asbestos abatement projects.
Proof of qualifications must be presented to NYC DEP upon request.

Sampling equipment must be in sufficient quantity to provide the turnaround time on each project. At a minimum the following equipment are required: air-sampling pumps (electric and battery operated) with flow rate capacities of 2 to 10 liters per minute, rotometers, mixed cellulose ester sample filters having pore size of 0.45um(TEM) , 0.8um (PCM) and electrical generators .

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D. Tasks

Project 1

The NYC DEP shall direct services. Air monitoring and analysis firm must be prepared to mobilize within 72 hours of the contract award. The NYC DEP estimates the monitoring of roof tops and façades of approximately 50 buildings per work zone. There will be 3 work zones in the vicinity of the World Trade Center. Multiple work areas shall be cleaned and monitored simultaneously therefore a minimum of 15 APST must be available for this project.
A minimum of 3 samples for small asbestos projects and a minimum of 5 samples for large projects shall be collected and analyzed. At a minimum, 1-area sample on small projects and 2- area samples on large projects shall be taken inside the work area during clean-up activities. One area sample shall be taken at the interior of the building within 10 feet of each access to the roof. Sampling must be conducted during the entire work shift. The sample volumes required would range from **1200 to 1800 liters** at flow rates between **2 to 10 liters/min**. Extreme care must be given to avoid overload on the filter surface.

Air sampling equipment shall not be placed in corners or near obstructions. Locations near vents and other structures on the roof which would unduly affect airflow shall be avoided.

The work area shall be allowed to dry completely before the visual inspection is conducted. The visual inspection shall confirm the absence of visible debris in the work area, including but not limited to the roof surface, the gutters, the drains, parapets, etc. A technician must be available in the vicinity when the area is dry to perform the visual inspection.

Air sampling shall be considered satisfactory when each sample is found to be below **70 s/mm^2** by TEM analysis. Post abatement clearance air sampling shall not be required provided that all samples collected during the clean-up activities are **below 70 s/mm^2**.

Project 2.

Air Monitoring will be required daily at 20 street level sites in the vicinity of the World Trade Center. The sites are listed below but the locations may change periodically. One sample must be collected at each site with sample duration of 45 minutes and a flow rate of 15 liters per minute . Sampling and analysis must be conducted in accordance with the NIOSH 7400 Method. Sampling must be done during regular business hours starting after 0800 hours each day. Each site must be manned at all times during sampling, therefore a minimum of 3 APST is required for this project.

Samples results above 0.01f/cc must be analyzed by TEM .

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Sampling Sites:

Site #	*Location*
4	River Terrace & Chambers Street
6A	River Terrace Park Area between Park Place & Warren Street
7	Warren Street & North End Avenue
8	West Street & Warren Street
9	River Terrace & Park Place West .
10	North End Avenue & Park Place West
11	Murray Street & Greenwich Street
12	Murray Street & Church Street
15	Park Place & Greenwich Street
16	Park Place & Church Street
17	River Terrace & Church Street
20A	Vesey Street & West Broadway
21	Fulton Street & Church Street
27	Gateway Plaza Park Area
29	Trinity Place & Thames Street
31	South End Ave & Albany Street
32	West Street & Albany Street
33A	Rector Place by the Park Place
34	W. Thames Street – Along Waterfront
37	West of Third Place

E. Reports and Billing

Project 1

Type analytical reports and count sheets shall be transmitted to the NYC DEP **{Fax (718) 595-6307 and (718) 595-3744}** within 24 hours after sampling is completed at each site. Each report must be submitted with the corresponding chain of custody form. The DEP will require typed clearance inspection reports signed by the technician who performed the inspection for each abatement site. The original reports shall be mailed to the NYC DEP along with the invoice within 7 days after the reports were faxed. The invoice for each job will itemize cost, specifying the service performed, turnaround time and quantities. **All report shall be mailed to the attention of Mr. L. Atteloney at New York City, Department of Protection, 96-05- Horace Harding Expressway,6th floor, Corona, N.Y. 11368**

Project 2

Type analytical reports shall be transmitted to the NYC DEP at **Fax # (718) 595-4690 ,(718) 595-6307 and e-mailed at** barbara@DEP.NYC.GOV **and bobrakate@aol.com.** All transmissions must be within 24 hours of the last sample collected. Each report must be submitted with the corresponding chain of custody form. The original reports shall be mailed to the NYC DEP along with the invoice within 7 days after the reports were faxed. The invoice for each day will itemize cost, specifying the service performed, turnaround time and quantities. **All report shall be mailed to the attention of Mr. L. Atteloney at New York City, Department of Protection, 96-05- Horace Harding Expressway,6th floor, Corona, N.Y. 11368**

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