

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. Contract Number DCAM-2010-B-0184	Page of Pages 1 1
2. Amendment/Modification Number DCAM-2010-B-0184-001	3. Effective Date 4-Oct-10	4. Requisition/Purchase Request No.		5. Solicitation Caption See Below
6. Issued By: Department of Real Estate Services Contracting and Procurement Division 2000 14th Street N.W., Suite 500 Washington, D.C. 20009		Code 03B	7. Administered By (If other than line 6) Department of Real Estate Services Contracting and Procurement Division 2000 14th Street N.W., Suite 500 Washington, D.C. 20009	
8. Name and Address of Contractor (No. Street, city, country, state and ZIP Code)			(X) 9A. Amendment of Solicitation No. DCAM-2010-B-0184	9B. Dated (See Item 11) 22-Sep-10
Code			10A. Modification of Contract/Order No.	
Facility			10B. Dated (See Item 13)	
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS				
The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended. <input checked="" type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning <u>1</u> copy of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or fax which includes a reference to the solicitation and amendment number. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by letter or fax, provided each letter or telegram makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.				
12. Accounting and Appropriation Data (If Required)				
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14				
(X)	A. This change order is issued pursuant to: (Specify Authority) The changes set forth in Item 14 are made in the contract/order no. in item 10A.			
	B. The above numbered contract/order is modified to reflect the administrative changes (such as changes in paying office, appropriation data, etc.) set forth in item 14, pursuant to the authority of 27 DCMR, Chapter 36, Section 3601.2.			
	C. This supplemental agreement is entered into pursuant to authority of:			
	D. Other (Specify type of modification and authority)			
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input checked="" type="checkbox"/> is required to sign this document and return <u>1</u> copy to the issuing office.				
14. Description of amendment/modification (Organized by UCF Section headings, including solicitation/contract subject matter where feasible.) The subject solicitation is hereby amended as follows: (1). Questions and Answers (Attachments A, B, C) (2). Sign in Sheet for pre-bid meeting held on September 29, 2010 for the subject solicitation. (Attachment D) (3). Delete: Page 3 and 4 of the solicitation; Replace with: Attachment E (labeled page 3a and 4a). (4). Delete: C.4.1 Milestone Chart; Replace with (Attachment F) labeled Revised Milestone Chart. (5). Delete: F.1. Milestone Chart; Replace with (Attachment F) labeled Revised Milestone Chart. (6) Submit additional Bid Breakdown form (Attachment G) with bid.				
15B. Name of Contractor (Signature of person authorized to sign)		15C. Date Signed	16B. District of Columbia <i>Diane Wooden</i> (Signature of Contracting Officer)	16C. Date Signed 10/4/10

ADA Compliance at DC General Campus

DCAM-2010-B-0184 Questions and Answers

- (1). **Q:** Please clarify from the drawings: Are there any drainpipes or shower pan drains that will be require to be moved? Are any toilets changing location?

A: Yes, there are multiple plumbing elements (including showers, toilets, lavatories and their associated piping) that will be modified and relocated per ADA guidelines. Since there are differences between bathrooms, refer to contract documents for specific modifications.

- (2). **Q:** It is my understanding that there is a recent Hazardous Materials report or assessment that has already been performed. Can you provide a copy of this report, or any reports that describe current conditions?

A: See attachment B

- (3). **Q:** As explained on Page 8, we will not be pricing the Add-on Options that were specified on the drawings. Are there any other instances in which the drawings show a variance from the project objectives?

A: No, the intent of the project is to bring the 4th and 5th floors in compliance with ADA guidelines. In the unlikely event that there is a change to the project, we will issue an addendum to all bidders.

- (4). **Q:** During the pre-bid meeting, Maurice explained that 5 bathrooms need to be completed within 30 days of the NTP, and an additional 4 bathrooms within 60 days. Are the first five bathrooms already selected? Are these hallway bathrooms, or in-suite? Could these be identified? It is a near-impossible schedule considering the number of different trades involved. Is there any flexibility in this schedule?

A: DRES has selected five rest rooms that have the least amount of work (See attachment C). The schedule is not flexible at the Family Shelter, The work at building #29-ACC however can be done anytime during the 90 day project period.

Attachment A

(5). **Q:** Will guest rooms remain occupied during the work on in-suite bathrooms? Will these residences be vacated for the duration demolition and wall re-construction?

A: No the residents will be relocated temporarily, until the work for the phased are is completed

(6). **Q:** Can we get a copy of the Hazmat Report? We need to know where the lead /asbestos are located.

A: See attachment B

(7). **Q:** Will the due date change because we were not able to get the plans from Blue Boy until 9/28?

A: Plans were available at blue boy as of the solicitation date, September 22, 2010; and the drawing numbers were listed in the solicitation. It is the contractor's responsibility to insure that they have the whole package.

(8). **Q:** At the pre-bid meeting, it was mentioned that the bathroom at the children's care center on the first floor of the core building was included in the scope but was not found in the drawings. Please provide.

A: See A1.5 on the DC General Family Shelter Project

(9). **Q:** Referencing #10 on the general notes section of the cover page for Family Shelter. Can you please provide Hazmat report?

A: See attachment B

(10). **Q:** Please confirm that the Alternates are to be disregarded for this bid.

A: Correct, Add Alternates are to be disregarded in the contractors bid submission



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ASBESTOS-CONTAINING MATERIAL and LEAD-BASED PAINT SURVEY

DC General Hospital
1900 Massachusetts Avenue, SE
Washington, DC 20003

Prepared For:
Architrave, P.C. Architects
420 10th Street, SE
Washington, DC 20003

Prepared By:
Froehling & Robertson, Inc.
7798 Waterloo Road
Jessup, Maryland 20794

F&R Project Number 68L-0159

March 29th, 2010

Prepared By:

Alan Lederman, CHMM
Environmental Group Manager



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APPENDICES

Appendix A – Asbestos Documentation, Laboratory Reports

Appendix B-Lead Based Paint XRF and Laboratory Results

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[Faint text, possibly "Group Manager"]



1.0 Introduction

Froehling and Robertson (F&R) was contracted by Architrave, P.C. Architects to perform an asbestos-containing material (ACM) and lead-based paint (LBP) survey of materials that could potentially be impacted by Americans with Disabilities Act (ADA) upgrades of select areas on Floors 1, 2, 4, and 5 at DC General Hospital. The investigation was performed by Environmental Protection Agency-Asbestos Hazard Emergency Response Act (EPA-AHERA)-trained asbestos building inspector and District of Columbia Licensed Lead Inspector, Alan Lederman on March 18th and 24th 2010.

The scope of this investigation consisted of the following items only:

- Screening for asbestos-containing materials (ACMs) that may be impacted by ADA upgrades
- Screening for surface coatings that may contain lead-based paint (LBP) or lead-based glazing that may be impacted by ADA upgrades

2.0 Asbestos-Containing Material (ACM)

2.1 Methodology

For this project, F&R collected suspect asbestos-containing materials from select areas that may be impacted by the ADA upgrades. Samples were collected by F&R in general accordance with EPA-AHERA protocols and submitted under chain of custody to EMSL Analytical, Inc. (EMSL) located in Beltsville, Maryland, for analysis. EMSL is accredited by the National Voluntary Laboratory Accreditation Program (NVLAP) to analyze suspect asbestos-containing bulk materials. A total of thirty-eight (38) bulk samples were submitted to EMSL. Of the 38 samples submitted, thirty-two (32) samples were analyzed using Polarized Light Microscopy (PLM) via EPA Method 600/R-93/116 as the stop positive method was utilized in which if a particular material was determined to be asbestos-containing, additional samples of that material were not analyzed.

2.2 Results (Refer also to Appendix A for Laboratory Reports)

Sample #	Sample Location	Sample Description	Analytical Results
DC General-1	Room 4309	9"x9" Green Vinyl Floor Tile with White Flecks	8% Chrysotile
DC General -2	Room 4309	Black Mastic Associated with Sample #1	10% Chrysotile
DC General -3	Room 4309	Skim Coat Ceiling Plaster	No Asbestos Detected
DC General -4	Room 4309	Skim Coat Ceiling Plaster	No Asbestos Detected



**TABLE 1
BUILDING #1 ACM LABORATORY RESULTS**

Sample #	Sample Location	Sample Description	Analytical Results
DC General -5	Room 4309	Skim Coat Ceiling Plaster	No Asbestos Detected
DC General -6	Room 4309	Scratch Coat Ceiling Plaster	No Asbestos Detected
DC General -7	Room 4309	Scratch Coat Ceiling Plaster	No Asbestos Detected
DC General -8	Room 4309	Scratch Coat Ceiling Plaster	No Asbestos Detected
DC General -9	Room 4309	Drywall	No Asbestos Detected
DC General -10	Room 4309	Tan Covebase Mastic	No Asbestos Detected
DC General -11	Room 4309	12"x12" White Vinyl Floor Tile	No Asbestos Detected
DC General -12	Room 4309	Black Mastic Associated with Sample #11	7% Chrysotile
DC General -13	Room 4308	White Duct Seam Sealant	8% Chrysotile
DC General -14	4 th Floor Bldg. 2 Restroom	Shower Pan Lining	No Asbestos Detected
DC General -15	Room 4308	Gray Spray-On Fireproofing	8% Chrysotile
DC General -16	Room 4308	Gray Spray-On Fireproofing	Sample Not Analyzed
DC General -17	Room 4308	Gray Spray-On Fireproofing	Sample Not Analyzed
DC General -18	Room 4308	2'x4' White Ceiling Tile	No Asbestos Detected
DC General -19	Room 4310	Skim Coat Wall Plaster	No Asbestos Detected
DC General -20	Room 4310	Skim Coat Wall Plaster	No Asbestos Detected
DC General -21	Room 4310	Skim Coat Wall Plaster	No Asbestos Detected
DC General -22	Room 4310	Scratch Coat Wall Plaster	No Asbestos Detected
DC General -23	Room 4310	Scratch Coat Wall Plaster	No Asbestos Detected
DC General -24	Room 4310	Scratch Coat Wall Plaster	No Asbestos Detected



**TABLE 1
BUILDING #1 ACM LABORATORY RESULTS**

Sample #	Sample Location	Sample Description	Analytical Results
DC General-25	Bldg. 3 4 th Floor Hallway	Joint Compound	No Asbestos Detected
DC General -26	Room 215	Vinyl Wall Covering Mastic	No Asbestos Detected
DC General -27	Room 215	Pipe Insulation	15% Chrysotile
DC General -28	Room 215	Pipe Insulation	Sample Not Analyzed
DC General -29	Room 215	Pipe Insulation	Sample Not Analyzed
DC General -30	Room 215	Pipe Fitting Insulation	25% Chrysotile
DC General -31	Room 215	Pipe Fitting Insulation	Sample Not Analyzed
DC General -32	Room 215	Pipe Fitting Insulation	Sample Not Analyzed
DC General -33	Bldg. 3 5 th Floor Hallway	Black Duct Seam Sealant	2% Chrysotile
DC General -34	Room 718	Joint Compound	No Asbestos Detected
DC General -35	Bldg. 29 1 st Floor Elevator Lobby	Drywall	No Asbestos Detected
DC General -36	Bldg. 29 1 st Floor Elevator Lobby	Joint Compound	No Asbestos Detected
DC General -37	Bldg. 29 1 st Floor Elevator Lobby	White 2'x2' Ceiling Tile	No Asbestos Detected
DC General -38	Bldg. 29 Room ACI 213	Joint Compound	No Asbestos Detected

2.3 Conclusions and Recommendations

Please see Table 2 below for a summary of the ACM located in the areas to be impacted by the ADA upgrade

**TABLE 2
ACM SUMMARY**

Sample Description	Location	Friable	Condition	Asbestos Content
9"x9" Green Vinyl Floor Tile with White Flecks and Black Mastic	Room 4309, 4 th Floor Phone Booth, Room 5307	No	Fair	8% Chrysotile (Floor Tile); 10% Chrysotile (Mastic)



**TABLE 2
ACM SUMMARY**

Sample Description	Location	Friable	Condition	Asbestos Content
Black Floor Tile Mastic Associated with 12"x12" White Vinyl Floor Tile	Rooms 4308, 5308, 106W, 105W, 4 th Floor Attendant Area, and 4 th Floor TV Room	No	Fair	7% Chrysotile
White Duct Seam Sealant	Above Drop Ceilings Throughout	No	Fair	5% Chrysotile
Gray Spray-On Fireproofing	Above Drop Ceilings Throughout	Yes	Fair	8% Chrysotile
Pipe and Pipe Fitting Insulation	Pipe Chases Throughout	Yes	Fair	15% Chrysotile (Straight Pipe); 25% Chrysotile (Pipe Fittings)
Black Duct Seam Sealant	Above Drop Ceilings Throughout	No	Fair	2% Chrysotile
Interior Fire Door Insulation	Doors Throughout	Yes	Unknown	Presumed ACM
Pipe Flanges and Gaskets	Pipe Chases Throughout	No	Unknown	Presumed ACM

F&R offers the following observations in regards to the information presented in Table 2:

- The following areas were inaccessible at the time of our investigation: mechanical closet between Rooms 205 and 206; resident room in Bldg. 3 4th Floor hallway; Room 503; Room 5307; and Room 314. Additional ACM may be encountered in these areas.
- Areas behind solid walls and ceilings were inaccessible and could not be visually surveyed for the presence of ACM. ACM including, but not limited to, thermal pipe and pipe fitting insulation may exist in these locations.

2.3.1 Non-Friable Asbestos-Containing Materials

9"x9" Green Floor Tile with White Flecks and Associated Black Mastic - 8% Chrysotile (Floor Tile) 10% Chrysotile (Mastic)

Asbestos was detected in samples of the 9"x9" green floor tile with white flecks and associated black mastic. These materials are classified as non-friable asbestos and were generally in fair condition in the areas observed. F&R recommends that all 9"x9" green floor tile and associated black mastic be assumed to be asbestos-containing.

Black Mastic Associated with 12"x12" White Vinyl Floor Tile-7% Chrysotile

Asbestos was detected in a sample of the black mastic associated with the 12"x12" white vinyl floor tile.



This material is classified as non-friable asbestos and was generally in fair condition in the areas observed. F&R recommends that all black floor tile mastic be assumed to be asbestos-containing and that the 12"x12" white vinyl floor tile be treated as an asbestos-containing material due to contamination from the mastic.

White Duct Seam Sealant-5% Chrysotile

Asbestos was detected in a sample of white duct seam sealant. This material is classified as non-friable asbestos and was generally in fair condition in the areas observed. F&R recommends that all white duct seam sealant be assumed to be asbestos-containing.

Black Duct Seam Sealant-2% Chrysotile

Asbestos was detected in a sample of black duct seam sealant. This material is classified as non-friable asbestos and was generally in fair condition in the areas observed. F&R recommends that all black duct seam sealant be assumed to be asbestos-containing.

2.3.2 Friable Asbestos-Containing Materials

Gray Spray-On Fireproofing-8% Chrysotile

Asbestos was detected in a sample of gray spray-on fireproofing. This material is classified as friable asbestos and was generally in fair condition in the areas observed. F&R recommends that all fireproofing material be assumed to be asbestos-containing.

Pipe and Pipe Fitting Insulation-15% Chrysotile (Straight Pipe) and 25% Chrysotile (Pipe Fitting)

Asbestos was detected in samples of pipe and pipe fitting insulation. These materials are classified as friable asbestos and were generally in fair condition in the areas observed. F&R recommends that all non-fiberglass pipe and pipe fitting insulation be assumed to be asbestos-containing.

2.3.3 Presumed Asbestos-Containing Materials

Interior Fire Door Insulation

F&R recommends that all doors be presumed to contain asbestos-containing interior insulation until sampling determines otherwise.

Pipe Flanges and Gaskets

F&R recommends that pipe flanges and gaskets be presumed to be asbestos-containing until sampling determines otherwise.



2.4 Applicable Regulations

EPA/NESHAP Regulations for Asbestos-Containing Materials

The U.S. Environmental Protection Agency promulgated the National Emission Standards for Hazardous Air Pollutants (NESHAP) [40 CFR Part 61], which addresses the application, removal and disposal of ACMs. Under NESHAP, the following categories are defined for ACMs:

Friable - When dry, can be crumbled, pulverized, or reduced to powder by hand pressure.

Non-Friable - When dry, cannot be crumbled, pulverized, or reduced to powder by hand pressure.

Category I Non-friable ACM - Packings, gaskets, resilient floor coverings, and asphalt roofing products containing more than 1% asbestos.

Category II Non-friable ACM - Any non-friable material, excluding Category I Non-friable ACM containing more than 1% asbestos.

Regulated Asbestos-Containing Material (RACM)-One of the following:

1. Friable ACM
2. Category I Non-friable ACM that has become friable.
3. Category I Non-friable ACM that will be or has been subjected to sanding, grinding, cutting, or abrading.
4. Category II Non-friable ACM that has a high probability of becoming, or has become, friable by the forces expected to act on the material during demolition or renovation operations.

Under NESHAP, the following actions are required:

1. Prior to the commencement of demolition or renovation activities, the building owner must inspect the affected facility or part of the facility where the demolition or renovation activities will occur for the presence of asbestos.
2. Remove all RACM from the facility before any activity begins that would break up, dislodge, or similarly disturb the material or preclude access for subsequent removal.
3. RACM need not be removed if:
 - a) It is Category I non-friable ACM that is not in poor condition.
 - b) It is on a facility component that is encased in concrete or other similar material and is adequately wet whenever exposed.
 - c) It was not accessible for testing and was therefore not discovered until after demolition began and because of the demolition the material cannot be safely removed.
 - d) It is Category II non-friable ACM and the probability is low that the material will become crumbled, pulverized, or reduced to powder during demolition.



3.0 Lead-Based Paint

3.1 Methodology

A lead-based paint (LBP) screening was performed to test a representative number of painted surfaces for the presence of lead. The testing was conducted by using a Niton XL-309 X-Ray Fluorometer (XRF) Lead Paint Analyzer. The XRF contains a small radioisotopic source and operates on the principle of x-ray fluorescence, whereby lead atoms in paint are stimulated to emit characteristic x-rays, which are then detected by the instrument. The XRF can measure surface or non-surface concentrations of lead with 95% accuracy at the District of Columbia action level of 1.0 mg/cm². Levels of lead are reported in units of milligrams per square centimeter (mg/cm²). The XRF is able to accurately detect as little as 0.1 mg/cm² of lead. The XRF classifies painted surfaces as "positive" or "negative" for lead content based on the District of Columbia action level (1.0 mg/cm²) and the performance characteristics of the XRF. For surfaces that could not effectively be analyzed utilizing the XRF, F&R collected paint chip samples that were analyzed by EMSL for the content of lead by percent weight via Flame Atomic Absorption by EPA Method SW846-7000B/7420. The District of Columbia action level for LBP by percent weight is 0.5%.

- Positive:** Lead is present at or above the District of Columbia action level of 1.0 mg/cm² or 0.5% by weight on *one or more* layers of paint on a specific component.
- Negative:** Lead is not present at or above the District of Columbia action level of 1.0 mg/cm² or 0.5% by weight in any layer of paint on a specific component.

The survey was conducted using the methodology recommended by the U.S. EPA/Department of Housing and Urban Development (HUD). It is important to note that this survey was not a comprehensive, surface-by-surface evaluation, but rather a screening survey of major painted components, which may contain LBP.

3.2 Results

A total of 51 XRF readings and one paint chip sample were taken as part of this survey. Based on the results of this survey, the following surfaces were determined to contain LBP or lead-based glazing (defined as having a concentration above the District of Columbia action level of 1.0 milligrams per square centimeter or 0.5% by weight):

- Green ceramic shower and wall tile
- Cream ceramic wall tile

The remainder of the painted surfaces within the building should be assumed to contain lead-containing paint (paint with detectable lead concentrations but below the District of Columbia action level). Reference the attached XRF Data Table for a complete list of sampled components and results.

3.3 Applicable Regulations and Recommendations

OSHA Regulations for Lead Based Paint

Positive and negative results are based on the US Department of Housing and Urban Development



Guidelines. It is important to note that even if a component is negative based on the District of Columbia's standard, it may still contain concentrations of lead in the paint, which when disturbed, may generate lead dust greater than the Permissible Exposure Limit (PEL) of 50 micrograms per cubic millimeter ($\mu\text{g}/\text{m}^3$) as an 8-hour Time Weighted Average (TWA) established by the OSHA "Lead Exposure in Construction Rule (29 CFR 1926.62)."

The OSHA standard gives no guidance on acceptable levels of lead in paint at which no exposure to airborne lead (above the action level) would be expected. Rather, OSHA defines airborne concentrations, and references specific types of work practices and operations from which a lead hazard may be generated (reference 29 CFR 1926.62, section d). Environmental and personnel monitoring should be conducted during any removal/demolition process (as appropriate) to verify that actual personal exposures are below the Permissible Exposure Limit (PEL). Under OSHA requirements, the contractor performing the work will be required to conduct this monitoring and follow all of the other requirements found under 29 CFR 1926.62.

F&R determined that the white paint on the metal radiators throughout the restrooms contained lead below the District of Columbia action level of 0.5% by weight; however F&R recommends that damaged areas of this paint be repaired as to avoid inhalation or ingestion by children.

4.0 Limitations

This report has been prepared for the exclusive use by Architrave, P.C. Architects and their associates. This service was performed in accordance with industry guidelines. No other warranty, expressed or implied, is made.

Our conclusions and recommendations are based, in part, upon information provided to us by others and on our site observations. We have not verified the completeness or accuracy of the information provided by others, unless otherwise noted. Our observations and recommendations are based upon conditions readily visible at the site at the time of our site visit, and upon current industry standards. During F&R's non-invasive inspection, accessible areas were visually surveyed for the presence of suspected ACM and LBP. Inaccessible areas were not surveyed and therefore suspected ACM may be present in those areas. Areas inspected for the above-referenced materials were limited to those designated by the client.

The investigation was based on materials found in building above soil level. Any materials buried underneath the foundation were not accessible and will be considered to be an asbestos containing material until sampling rebuts the assumption.

During this study, suspect material samples were analyzed for asbestos and/or lead. As with any similar survey of this nature, actual conditions exist only at the precise locations from which suspect samples were collected. Certain inferences are based on the results of this sampling and related testing to form a professional opinion of conditions in areas beyond those from which the samples were collected. No other warranty, expressed or implied, is made.

Under this scope of services, F&R assumes no responsibility regarding response actions (e.g. O&M Plans, Encapsulation, Abatement, Removal, Notifications, etc.) initiated as a result of these findings. F&R assumes no liability for the duties and responsibilities of the Client with respect to compliance with these regulations. Compliance with regulations is the sole responsibility of the Client and should be



conducted in accordance with local, state, and/or federal requirements, whichever is more stringent. All abatement activities or response actions should be performed by appropriately qualified and licensed-personnel and/or companies, as warranted.

Froehling & Robertson, Inc. by virtue of providing the services described in this report, does not assume the responsibility of the person(s) in charge of the site, or otherwise undertake responsibility for reporting to any local, state, or federal public agencies any conditions at the site that may present a potential danger to public health, safety, or the environment. The client agrees to notify the appropriate local, state, or federal public agencies as required by law, or otherwise to disclose, in a timely manner, any information that may be necessary to prevent any danger to public health, safety, or the environment. The contents of the report should not be construed in any way as a recommendation to purchase, sell, or develop the project site.

APPENDIX A

ASBESTOS DOCUMENTATION LABORATORY REPORTS



EMSL Analytical, Inc.

10768 Baltimore Avenue, Beltsville, MD 20705

Phone: (301) 937-5700 Fax: (301) 937-5701 Email: baltsvill@emsl.com

Attn: **Alan Lederman**
Froehling & Robertson
7798 Waterloo Road
Jessup, MD 20794

Customer ID: FROE62
Customer PO:
Received: 03/20/10 3:00 PM
EMSL Order: 191002285

Fax: (443) 733-1015 Phone: (443) 733-1011
Project: DC General ADA Assessment

EMSL Proj:
Analysis Date: 3/21/2010

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
DC General 01 191002285-0001	9x9 Gm VFT w/ wht flecks/Rm 4309	Green Non-Fibrous Heterogeneous		92% Non-fibrous (other)	8% Chrysotile
DC General 02 191002285-0002	Black Mastic	Black Fibrous Heterogeneous		90% Non-fibrous (other)	10% Chrysotile
DC General 03 191002285-0003	Skim Coat Ceiling Plstr	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
DC General 04 191002285-0004	Skim Coat Ceiling Plstr	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
DC General 05 191002285-0005	Skim Coat Ceiling Plstr	Tan/White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
DC General 06 191002285-0006	Scratch Coat Ceiling Plaster	Brown Non-Fibrous Heterogeneous		40% Non-fibrous (other) 60% Quartz	None Detected
DC General 07 191002285-0007	Scratch Coat Ceiling Plaster	Brown Non-Fibrous Heterogeneous		50% Non-fibrous (other) 50% Quartz	None Detected

Analyst(s)

Emily Baker (13)
George Malone (2)

Joe Centifonti, Laboratory Manager
or other approved signatory

Due to magnification limitations inherent in PLM, asbestos fibers in dimensions below the resolution capability of PLM may not be detected. The limit of detection as stated in the method is 1%. The above test report relates only to the items tested and may not be reproduced in any form without the express written approval of EMSL Analytical, Inc. EMSL's liability is limited to the cost of analysis. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. Samples received in good condition unless otherwise noted. This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government.

Samples analyzed by EMSL Analytical, Inc. 10768 Baltimore Avenue, BeltsvilleMD NVLAP Lab Code 200293-0



EMSL Analytical, Inc.

10768 Baltimore Avenue, Beltsville, MD 20705

Phone: (301) 937-5700 Fax: (301) 937-5701 Email: beltsvillelab@emsl.com

Attn: **Alan Lederman**
Froehling & Robertson
7798 Waterloo Road
Jessup, MD 20794

Customer ID: FROE62
Customer PO:
Received: 03/20/10 3:00 PM
EMSL Order: 191002285

Fax: (443) 733-1015 Phone: (443) 733-1011
Project: DC General ADA Assessment

EMSL Proj:
Analysis Date: 3/21/2010

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
DC General 08 191002285-0008	Scratch Coat Ceiling Plaster	Brown/Beige Fibrous Heterogeneous	12% Cellulose	33% Non-fibrous (other) 10% Mica 45% Quartz	None Detected
DC General 09 191002285-0009	Drywall	Brown/Beige Fibrous Heterogeneous	25% Cellulose	5% Non-fibrous (other) 70% Gypsum	None Detected
DC General 10- Cove Base 191002285-0010	Tan Covebase Mastic	Gray Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
DC General 10- Mastic 191002285-0010A	Tan Covebase Mastic	Tan Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
DC General 11 191002285-0011	12x12 White VFT	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
DC General 12 191002285-0012	Black Mastic	Black Non-Fibrous Heterogeneous		93% Non-fibrous (other)	7% Chrysotile

Analyst(s)

Emily Baker (13)
George Malone (2)

Joe Centifonti, Laboratory Manager
or other approved signatory

Due to magnification limitations inherent in PLM, asbestos fibers in dimensions below the resolution capability of PLM may not be detected. The limit of detection as stated in the method is 1%. The above test report relates only to the items tested and may not be reproduced in any form without the express written approval of EMSL Analytical, Inc. EMSL's liability is limited to the cost of analysis. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. Samples received in good condition unless otherwise noted. This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government.

Samples analyzed by EMSL Analytical, Inc. 10768 Baltimore Avenue, Beltsville MD NVLAP Lab Code 200293-0



EMSL Analytical, Inc.

10768 Baltimore Avenue, Beltsville, MD 20705

Phone: (301) 937-5700 Fax: (301) 937-5701 Email: beltsvillelab@emsl.com

Attn: **Alan Lederman**
Froehling & Robertson
7798 Waterloo Road
Jessup, MD 20794

Customer ID: FROE62
Customer PO:
Received: 03/20/10 3:00 PM
EMSL Order: 191002285

Fax: (443) 733-1015 Phone: (443) 733-1011
Project: DC General ADA Assessment

EMSL Proj:
Analysis Date: 3/21/2010

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
DC General 13 191002285-0013	White Duct Seam Sealant/Rm 4308	Tan/White/Silver Fibrous Heterogeneous	25% Glass	70% Non-fibrous (other)	5% Chrysotile
found chrysotile in the coating					
DC General 14 191002285-0014	Shower Pan Lining/4th Flr Bldg 2 Restroom	Brown/Black Fibrous Heterogeneous	90% Cellulose	10% Non-fibrous (other)	None Detected

Analyst(s)

Emily Baker (13)
George Malone (2)

Joe Centifonti, Laboratory Manager
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. 10768 Baltimore Avenue, Beltsville MD NVLAP Lab Code 200283-0



EMSL Analytical, Inc.

10768 Baltimore Avenue, Beltsville, MD 20705

Phone: (301) 937-5700 Fax: (301) 937-5701 Email: beltsvillelab@emsl.com

Attn: **Alan Lederman**
Froehling & Robertson
7798 Waterloo Road
Jessup, MD 20794

Customer ID: FROE62
Customer PO:
Received: 03/24/10 2:00 PM
EMSL Order: 191002414

Fax: (443) 733-1015 Phone: (443) 733-1011
Project: DC GENERAL ADA

EMSL Proj:
Analysis Date: 3/25/2010

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
DCGENERAL-15 191002414-0001	SPRAY-ON FIREPROOFING/ RM 4308	Beige Fibrous Heterogeneous		92% Non-fibrous (other)	8% Chrysotile
DCGENERAL-16 191002414-0002	SPRAY-ON FIREPROOFING/ RM 4308				Stop Positive (Not Analyzed)
DCGENERAL-17 191002414-0003	SPRAY-ON FIREPROOFING/ RM 4308				Stop Positive (Not Analyzed)
DCGENERAL-18 191002414-0004	2X4 WHT CT/RM 4308	White/Beige Fibrous Heterogeneous	45% Cellulose 35% Glass	20% Non-fibrous (other)	None Detected
DCGENERAL-19 191002414-0005	SKIM COAT WALL PLSTR/RM 4310	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
DCGENERAL-20 191002414-0006	SKIM COAT WALL PLSTR/RM 4310	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
DCGENERAL-21 191002414-0007	SKIM COAT WALL PLSTR/RM 4310	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected

Analyst(s)

Alexis Turner (18)

Joe Centifonti, Laboratory Manager
or other approved signatory

Due to magnification limitations inherent in PLM, asbestos fibers in dimensions below the resolution capability of PLM may not be detected. The limit of detection as stated in the method is 1%. The above test report relates only to the items tested and may not be reproduced in any form without the express written approval of EMSL Analytical, Inc. EMSL's liability is limited to the cost of analysis. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. Samples received in good condition unless otherwise noted. This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government.

Samples analyzed by EMSL Analytical, Inc. 10768 Baltimore Avenue, BeltsvilleMD NVLAP Lab Code 200293-0



EMSL Analytical, Inc.

10768 Baltimore Avenue, Beltsville, MD 20705

Phone: (301) 937-5700 Fax: (301) 937-5701 Email: beltsvillelab@emsl.com

Attn: **Alan Lederman**
Froehling & Robertson
7798 Waterloo Road
Jessup, MD 20794

Customer ID: FROE62
Customer PO:
Received: 03/24/10 2:00 PM
EMSL Order: 191002414

Fax: (443) 733-1015 Phone: (443) 733-1011
Project: DC GENERAL ADA

EMSL Proj:
Analysis Date: 3/25/2010

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
DCGENERAL-22 191002414-0008	SCRATCH COAT WALL PLSTR/RM 4310	Beige Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
DCGENERAL-23 191002414-0009	SCRATCH COAT WALL PLSTR/RM 4310	Beige Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
DCGENERAL-24 191002414-0010	SCRATCH COAT WALL PLSTR/RM 4310	Beige Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
DCGENERAL-25 191002414-0011	JOINT CMPD/BLDG 3 4TH FL	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
DCGENERAL-26 191002414-0012	VINYL WALL COVERING MSTC/RM 215	White/Cream Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
DCGENERAL-27 191002414-0013	PIPE INS/RM 215	Gray Fibrous Heterogeneous		85% Non-fibrous (other)	15% Chrysotile
DCGENERAL-28 191002414-0014	PIPE INS/RM 215				Stop Positive (Not Analyzed)

Analyst(s)

Alexis Turner (18)

Joe Centifonti, Laboratory Manager
or other approved signatory

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EMSL Analytical, Inc.

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Phone: (301) 937-5700 Fax: (301) 937-5701 Email: beltsvillelab@emsl.com

Attn: **Alan Lederman**
Froehling & Robertson
7798 Waterloo Road
Jessup, MD 20794

Customer ID: FROE62
Customer PO:
Received: 03/24/10 2:00 PM
EMSL Order: 191002414
EMSL Proj:
Analysis Date: 3/25/2010

Fax: (443) 733-1015 Phone: (443) 733-1011
Project: **DC GENERAL ADA**

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
DCGENERAL-29 191002414-0015	PIPE INS/RM 215				Stop Positive (Not Analyzed)
DCGENERAL-30 191002414-0016	PIPE FITTING/RM 215	Gray Fibrous Heterogeneous		75% Non-fibrous (other)	25% Chrysotile
DCGENERAL-31 191002414-0017	PIPE FITTING/RM 215				Stop Positive (Not Analyzed)
DCGENERAL-32 191002414-0018	PIPE FITTING/RM 215				Stop Positive (Not Analyzed)
DCGENERAL-33 191002414-0019	BLK DUCT SEAM SEALANT/5TH FL HALLWAY	Black/Silver/Yellow Fibrous Heterogeneous		98% Non-fibrous (other)	2% Chrysotile
DCGENERAL-34 191002414-0020	JOINT CMPD/RM 718	White Fibrous Heterogeneous	5% Cellulose	95% Non-fibrous (other)	None Detected
DCGENERAL-35 191002414-0021	DRYWALL/1ST FL ELEV LOBBY	Brown/White Non-Fibrous Heterogeneous	10% Cellulose	90% Non-fibrous (other)	None Detected

Analyst(s)

Alexis Turner (18)

Joe Centifonti, Laboratory Manager
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. 10768 Baltimore Avenue, BeltsvilleMD NVLAP Lab Code 200283-0



EMSL Analytical, Inc.

10768 Baltimore Avenue, Beltsville, MD 20705

Phone: (301) 937-5700 Fax: (301) 937-5701 Email: baltimorelab@emsl.com

Attn: **Alan Lederman**
Froehling & Robertson
7798 Waterloo Road
Jessup, MD 20794

Customer ID: FROE62
Customer PO:
Received: 03/24/10 2:00 PM
EMSL Order: 191002414

Fax: (443) 733-1015 Phone: (443) 733-1011
Project: DC GENERAL ADA

EMSL Proj:
Analysis Date: 3/25/2010

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
DCGENERAL-36 191002414-0022	JOINT CMPD/1ST FL ELEV LOBBY	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
DCGENERAL-37 191002414-0023	WHT 2X2 CT/1ST FL ELEV LOBBY	Gray/White Fibrous Heterogeneous	50% Cellulose 35% Glass	15% Non-fibrous (other)	None Detected
DCGENERAL-38 191002414-0024	JOINT CMPD/ACI 213	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected

Analyst(s)

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or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. 10768 Baltimore Avenue, BeltsvilleMD NVLAP Lab Code 200283-0



EMSL ANALYTICAL, INC.
LABORATORY PRODUCTS TRADING

Asbestos Chain of Custody

EMSL Order Number (Lab Use Only):

[Empty box for EMSL Order Number]

EMSL ANALYTICAL, INC.
10768 BALTIMORE AVE
BELTSVILLE, MD 20705
PHONE: (301) 937-5700
FAX: (301) 937-5701

Company: <u>Froehling & Robertson</u>		EMSL-Bill to: <input checked="" type="checkbox"/> Same <input type="checkbox"/> Different If Bill to is Different note instructions in Comments**	
Street: <u>7798 Waterloo Road</u>		Third Party Billing requires written authorization from third party	
City: <u>Bossup</u>	State/Province: <u>MD</u>	Zip/Postal Code: <u>20794</u>	Country: <u>U.S.</u>
Report To (Name): <u>Alan Lederman</u>		Fax #: <u>443-733-1016</u>	
Telephone #: <u>443-733-1011</u>		Email Address: <u>alederman@fandf.com</u>	
Project Name/Number: <u>DC General ADA Assessment</u>			
Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email Purchase Order: _____ U.S. State Samples Taken: _____			

Turnaround Time (TAT) Options* - Please Check

3 Hours 6 Hours 24 Hrs 48 Hrs 3 Days 4 Days 5 Days 10 Days

*For TEM Air 3 hours/6 hours, please call ahead to schedule. *There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.

PCM - Air <input type="checkbox"/> NIOSH 7408 <input type="checkbox"/> w/ OSHA 8hr. TWA PLM - Bulk (reporting limit) <input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NYS 198.1 (friable in NY) <input type="checkbox"/> NYS 198.6 NOB (non-friable-NY) <input type="checkbox"/> NIOSH 9002 (<1%)	TEM - Air <input type="checkbox"/> AHERA 40 CFR, Part 763 <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312 TEM - Bulk <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198.4 (non-friable-NY) <input type="checkbox"/> Chatfield SOP <input type="checkbox"/> TEM Mass Analysis-EPA 600 sec. 2.5 TEM - Water: EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	TEM - Dust <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D8480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167) Soil/Rock/Vermiculite <input type="checkbox"/> PLM CARB 435 - A (0.25% sensitivity) <input type="checkbox"/> PLM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - C (0.01% sensitivity) <input type="checkbox"/> EPA Protocol (Semi-Quantitative) <input type="checkbox"/> EPA Protocol (Quantitative) Other: <input type="checkbox"/>
---	--	---

Check For Positive Stop - Clearly Identify Homogenous Group

Samplers Name: _____ Samplers Signature: _____

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled

Client Sample # (s): DC General -01 - DC-General-14 Total # of Samples: 14

Relinquished (Client): [Signature] Date: 3/19/10 Time: 12:30 PM

Received (Lab): [Signature] Date: 3/22/10 Time: 3:00 PM

Comments/Special Instructions: Drop Box



Asbestos Chain of Custody
EMSL Order Number (Lab Use Only):

EMSL ANALYTICAL, INC.
 10768 BALTIMORE AVE
 BELTSVILLE, MD 20705
 PHONE: (301) 937-5700
 FAX: (301) 937-5701

EMSL ANALYTICAL, INC.
 LABORATORY PRODUCTS TRAINING

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

top
 1
 2
 3
 4
 5
 6
 7
 8
 9
 10
 11
 12
 13
 14

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
DC General-01	9"x9" Green VET w/ ^{White Flecks} Black Mastix / Rm. 4309		
DC General-02	Black Mastix		
DC General-03	Skim Coat Ceiling Plaster		
DC General-04	"		
DC General-05	"		
DC General-06	Scratch Coat Ceiling Plaster		
DC General-07	"		
DC General-08	"		
DC General-09	Drywall		
DC General-10	Tan Covebase Mastix		
DC General-11	12"x12" White VET		
DC General-12	Black Mastix		
DC General-13	White Duct Seam Sealant / Rm. 4308		
DC General-14	Shower Pan Lining / 4 th floor Bldg. 2 Restroom		

*Comments/Special Instructions:

Asbestos Lab Services Chain of Custody

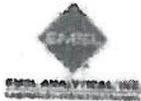
EMSL Order Number (Lab Use Only):

1900244

Beltsville, MD
10768 Baltimore Avenue
Beltsville, MD 20705
PHONE: (301) 937-5700
FAX: (301) 937-5701

Company: Froehling & Robertson		EMSL-Bill to: <input checked="" type="checkbox"/> Same <input type="checkbox"/> Different if Bill to is Different note instructions in Comments** Third Party Billing requires written authorization from third party	
Street: 7798 Waterloo Road			
City/State/Zip: Jessup, MD 20794			
Report To (Name): Alan Lederman		Fax: 443-733-1015	
Telephone: 443-733-1011		Email Address: allederman@fandr.com	
Project Name/Number: DC General ADA			
Please Provide Results: Email		Purchase Order:	State Samples Taken: DC
Turnaround Time (TAT) Options* - Please Check			
<input type="checkbox"/> 3 Hour <input type="checkbox"/> 6 Hour <input checked="" type="checkbox"/> 24 Hour <input type="checkbox"/> 48 Hour <input type="checkbox"/> 72 Hour <input type="checkbox"/> 96 Hour <input type="checkbox"/> 1 Week <input type="checkbox"/> 2 Week <small>*For TEM Air 3 hours/6 hours, please call ahead to schedule. There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.</small>			
PCM - Air <input type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA PLM - Bulk (reporting limit) <input checked="" type="checkbox"/> PLM EPA 800/R-03/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/ Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NYS 198.1 (friable in NY) <input type="checkbox"/> NYS 198.6 NOB (non-friable-NY) <input type="checkbox"/> NIOSH 9002 (<1%)	TEM - Air <input type="checkbox"/> 4-4.5hr TAT (AHERA only) <input type="checkbox"/> AHERA 40 GFR, Part 703 <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312 TEM - Bulk <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198.4 (non-friable-NY) <input type="checkbox"/> Chatfield SCP <input type="checkbox"/> TEM Mass Analysis-EPA 800 sec. 2.5 TEM - Water: EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	TEM - Dust <input type="checkbox"/> Microvap - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6460 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167) Soil/Rock/Vermiculite <input checked="" type="checkbox"/> PLM CARB 435 - A (0.25% sensitivity) <input type="checkbox"/> PLM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - C (0.01% sensitivity) <input type="checkbox"/> EPA Protocol (Semi-Quantitative) <input type="checkbox"/> EPA Protocol (Quantitative) Other: <input type="checkbox"/>	
<input checked="" type="checkbox"/> Check For Positive Stop - Clearly Identify Homogenous Group			
Samplers Name:		Samplers Signature:	
Sample #	Sample Description	Volume/Area (Air) NA # (Bulk)	Date/Time Sampled
DC General-15	Spray-On Fireproofing / Rm. 4308		
DC General-16	"		
DC General-17	"		
DC General-18	2'x4' White Ceiling Tile / Rm. 4308		
DC General-19	Skim Coat Wall Plaster / Rm. 4310		
DC General-20	"		
DC General-21	"		
DC General-22	Scratch Coat Wall Plaster / Rm. 4310		
Client Sample # (s): DC General-15 - 38		Total # of Samples: 24	
Relinquished (Client): <i>Alan Lederman</i>		Date: 3/24/10	Time: 2:00 PM
Received (Lab): <i>S. Leonard</i>		Date: 3/24/10	Time: 2 PM
Comments/Special Instructions: <i>will in</i>			

Stop Positive
Stop Positive
Stop Positive



Asbestos Lab Services Chain of Custody

EMSL Order Number (Lab Use Only):

91002414

Belleville, MD
 10768 Baltimore Avenue
 Beltsville, MD 20705
 PHONE: (301) 937-5700
 FAX: (301) 937-5701

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
DC General-23	Scratch Coat Wall Plaster / Rm. 436		
DC General-24	"		
DC General-25	Joint Compound / 8th Bldg. 3-4th Floor		
DC General-26	Vinyl Wall Covering Masoz / Rm. 215		
DC General-27	Pipe Insulation / Rm. 215		
28	"		
29	"		
30	Pipe fitting / Rm. 215		
31	"		
32	"		
33	8th Black Post San Sealant / 5th Floor Hallway		
34	Joint Compound / Room 715		
35	Drywall / 1st Floor Elevator Lobby		
36	Joint Compound / 11		
37	White 2'x2' Ceiling Tile //		
38	Joint Compound / ACI 213		
Comments/Special Instructions:			

Controlled Document - Asbestos Lab Services COC - A10 - 11/23/2009

Page ___ of ___ Pages



10200 Ruffalo Avenue
Baltimore, MD 21286
PHONE: (410) 528-2300
FAX: (410) 528-2301

Adoptive Lab Services
ENR - Cost Effective Testing

PROJECT #

Sample ID	Description	Notes
DC 600-1-27	2nd Floor Corridor / Room 410	2nd Floor
DC 600-1-24	"	
DC 600-1-22	2nd Floor Corridor / Room 410	2nd Floor
DC 600-1-26	2nd Floor Corridor / Room 410	
DC 600-1-25	2nd Floor Corridor / Room 410	2nd Floor
DC 600-1-28	"	
DC 600-1-29	2nd Floor Corridor / Room 410	2nd Floor
DC 600-1-31	"	
DC 600-1-32	2nd Floor Corridor / Room 410	2nd Floor
DC 600-1-34	2nd Floor Corridor / Room 410	
DC 600-1-35	2nd Floor Corridor / Room 410	2nd Floor
DC 600-1-36	2nd Floor Corridor / Room 410	
DC 600-1-37	2nd Floor Corridor / Room 410	2nd Floor
DC 600-1-38	2nd Floor Corridor / Room 410	
DC 600-1-39	2nd Floor Corridor / Room 410	2nd Floor
DC 600-1-40	2nd Floor Corridor / Room 410	

APPENDIX B

LEAD BASED PAINT XRF AND PAINT CHIP RESULTS

Reading No	Area	Component	Substrate	Condition	Color	Units	Action Level	PbC	PbC Error	LBP Y/N
1			CALIBRATION			mg / cm ^2	1	1.2	0.4	N/A
2			CALIBRATION			mg / cm ^2	1	1.2	1.4	N/A
3			CALIBRATION			mg / cm ^2	1	0.9	0.7	N/A
4	Room 4308	Door Frame	Metal	Good	Green	mg / cm ^2	1	0.02	0.26	No
5	Room 4308	Wall	Plaster	Fair	White	mg / cm ^2	1	0	0.03	No
6	Room 4308	Wall	Plaster	Fair	Green	mg / cm ^2	1	0	0.03	No
7	Room 4308	Radiator	Metal	Good	White	mg / cm ^2	1	0.01	0.1	No
8	Room 4308	Shower Tile	Ceramic	Good	Green	mg / cm ^2	1	1.3	0.7	Yes
9	Room 315	Wall Tile	Ceramic	Good	Green	mg / cm ^2	1	1.4	1.2	Yes
10	Room 315	Door Frame	Wood	Good	Brown	mg / cm ^2	1	0	0.03	No
11	Room 315	Door	Wood	Good	Brown	mg / cm ^2	1	0.01	0.08	No
12	Room 315	Baseboard	Wood	Good	White	mg / cm ^2	1	0.04	0.39	No
13	Room 315	Radiator	Metal	Poor	White	mg / cm ^2	1	0	0.04	No
14	Room 315	Radiator	Metal	Poor	White	mg / cm ^2	1	0	0.03	No
15	Room 315	Radiator	Metal	Poor	White	mg / cm ^2	1	0	0.04	No
16	Room 315	Shower Tile	Ceramic	Good	White	mg / cm ^2	1	0.03	0.17	No
17	Room 315	Ceiling	Plaster	Good	White	mg / cm ^2	1	0	0.05	No
18	Room 315	Floor Tile	Ceramic	Good	Green	mg / cm ^2	1	0	0.05	No
19	Room 215	Door Frame	Metal	Good	Brown	mg / cm ^2	1	0	0.03	No
20	Room 215	Wall Tile	Ceramic	Good	Cream	mg / cm ^2	1	0	0.05	No
21	Room 215	Radiator Case	Metal	Good	Brown	mg / cm ^2	1	0	0.04	No
22	Room 215	Shower Tile	Ceramic	Good	Tan	mg / cm ^2	1	0.1	0.45	No
23	Room 215	Urinal	Porcelain	Good	White	mg / cm ^2	1	0.02	0.12	No
24	Room 5307	Cabinets	Metal	Good	Green	mg / cm ^2	1	0	0.02	No
25	Room 5307	Door Frame	Metal	Good	Brown	mg / cm ^2	1	0.01	0.08	No
26	Room 5307	Door Frame	Metal	Good	White	mg / cm ^2	1	0	0.03	No
27	Room 5307	Door	Wood	Good	White	mg / cm ^2	1	0.24	0.36	No
28	Room 5307	Door Frame	Metal	Good	Pink	mg / cm ^2	1	0	0.03	No
29	Room 715	Radiator	Metal	Poor	White	mg / cm ^2	1	0.16	0.46	No
30	Room 715	Door Frame	Wood	Good	Purple	mg / cm ^2	1	0	0.02	No
31	Room 715	Door	Metal	Good	Purple	mg / cm ^2	1	0	0.04	No
32	Room 715	Floor Tile	Ceramic	Good	White	mg / cm ^2	1	0.1	0.54	No
33	Room 715	Floor Tile	Ceramic	Good	White	mg / cm ^2	1	0.13	0.97	No
34	Room 715	Wall Tile	Ceramic	Good	Green	mg / cm ^2	1	1.3	1.5	Yes
35	Room 404	Floor Tile	Ceramic	Good	Brown	mg / cm ^2	1	0	0.03	No
36	Room 404	Wall	Plaster	Good	White	mg / cm ^2	1	0.01	0.24	No
37	Room 610	Door Frame	Metal	Good	Purple	mg / cm ^2	1	0.07	0.34	No
38	Room 610	Door	Wood	Good	Brown	mg / cm ^2	1	0.01	0.06	No
39	Room 205	Wall	Plaster	Good	Tan	mg / cm ^2	1	-0.04	0.04	No
40	Room 205	Wall	Drywall	Good	Tan	mg / cm ^2	1	0	0.02	No
41	Room 205	Door Frame	Metal	Good	Brown	mg / cm ^2	1	0.01	0.04	No
42	Room 205	Door	Wood	Good	Purple	mg / cm ^2	1	0	0.02	No
43	Room 205	Ceiling	Drywall	Good	Tan	mg / cm ^2	1	0.14	0.64	No
44	Room ACI 127	Wall Tile	Ceramic	Good	Cream	mg / cm ^2	1	6.2	5.5	Yes
45	Room ACI 127	Door	Metal	Good	White	mg / cm ^2	1	0	0.02	No

Reading No	Area	Component	Substrate	Condition	Color	Units	Action Level	PbC	PbC Error	LBP Y/N
46	Room ACI 127	Door Frame	Metal	Good	White	mg / cm ^2	1	0	0.04	No
47	Room ACI 127	Floor Tile	Ceramic	Good	Gray	mg / cm ^2	1	0	0.03	No
48	Bldg. 29 1st Floor Elevator Lobby	Floor Tile	Ceramic	Good	Gray	mg / cm ^2	1	0	0.02	No
49		CALIBRATION				mg / cm ^2	1	1.2	0.4	N/A
50		CALIBRATION				mg / cm ^2	1	1.2	1.4	N/A
51		CALIBRATION				mg / cm ^2	1	0.9	0.7	N/A



EMSL Analytical, Inc.

10768 Baltimore Avenue, Beltsville, MD 20705

Phone: (301) 937-5700 Fax: (301) 937-5701 Email: beltsvillelab@emsl.com

Attn: **Alan Lederman**
Froehling & Robertson
7798 Waterloo Road
Jessup, MD 20794

Customer ID: FROE62
Customer PO:
Received: 03/24/10 2:00 PM
EMSL Order: 191002411

Fax: (443) 733-1015 Phone: (443) 733-1011
Project: **DC GENERAL ADA**

EMSL Proj:

Test Report: Lead in Paint Chips by Flame AAS (SW 846 3050B*/7000B)

<i>Client Sample Description</i>	<i>Lab ID</i>	<i>Collected</i>	<i>Analyzed</i>	<i>Lead Concentration</i>
LB-01	0001	3/24/2010	3/25/2010	0.017 % wt
4TH FLR RESTRM				

Joe Centifonti, Laboratory Manager
or other approved signatory

Reporting limit is 0.01 % wt. The QC data associated with these sample results included in this report meet the method quality control requirements, unless specifically indicated otherwise. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities.

* slight modifications to methods applied Samples received in good condition unless otherwise noted. Quality Control Data associated with this sample set is within acceptable limits, unless otherwise noted

Samples analyzed by EMSL Analytical, Inc. 10768 Baltimore Avenue, BeltsvilleMD AIHA-LAP, LLC-ELLAP Lab 102891



EMSL ANALYTICAL, INC.
LABORATORY PRODUCTS TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID (Lab Use Only):

191002411

EMSL ANALYTICAL,
10768 BALTIMORE
BELTSVILLE, MD 2
PHONE: (301) 937-5700
FAX: (301) 937-5701

Company: Froehling & Robertson
 Street: 7798 Waterloo Road
 City: Jessup State/Province: MD
 Report To (Name): Alan Lederman Zip/Postal Code: 20794 Country: U.S
 Telephone #: 443-733-1011 Fax #: 443-733-1015
 Project Name/Number: DC General ADA Email Address: alederman@fandf.com
 Please Provide Results: Fax Email Purchase Order: _____ U.S. State Samples Taken: _____

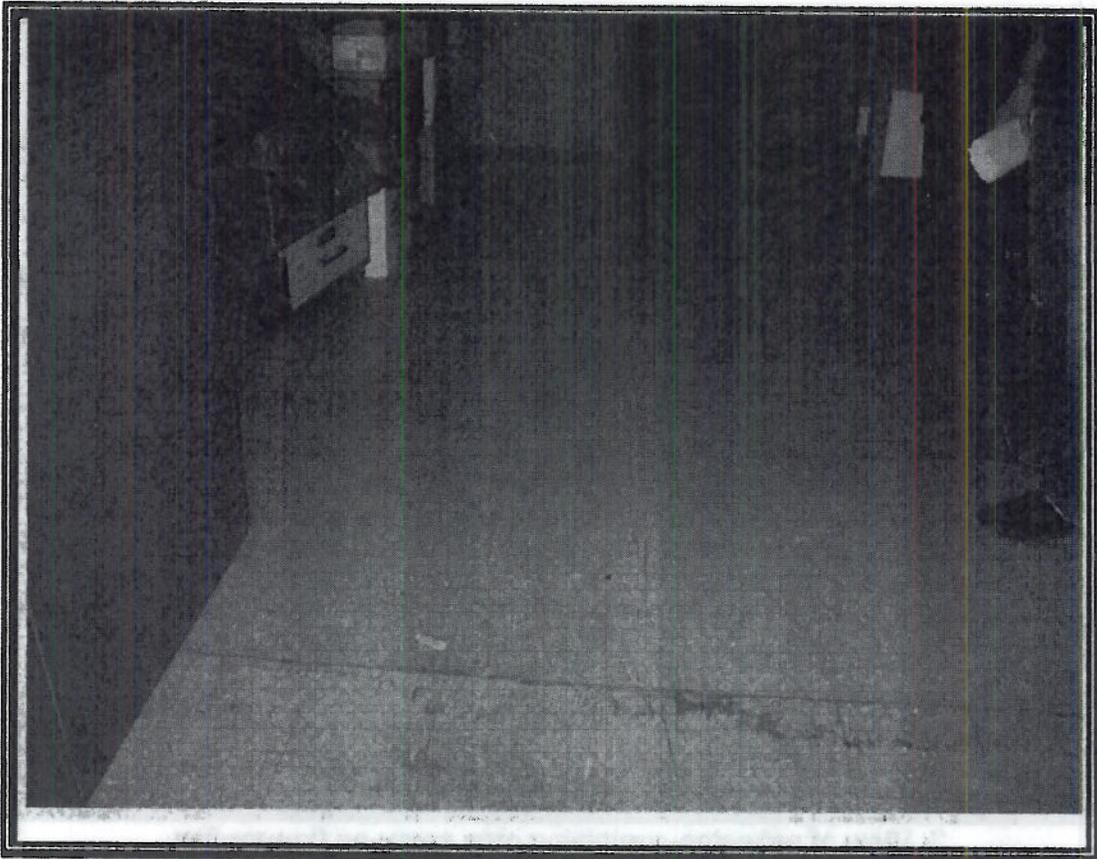
Turnaround Time (TAT) Options* - Please Check
 3 Hours 6 Hours 24 Hours 48 Hours 3 Days 4 Days 5 Days 10 Days
*Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide

Matrix	Method	Instrument	Reporting Limit	Check
Chips <input type="checkbox"/> mg/cm ² <input checked="" type="checkbox"/> % by wt.	SW846-7000B/7420 or AOAC 974.02	Flame Atomic Absorption	0.01%	<input checked="" type="checkbox"/>
	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	<input type="checkbox"/>
Air	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	<input type="checkbox"/>
	NIOSH 7300 modified	ICP-AES	0.5 µg/filter	<input type="checkbox"/>
	SW846-7000B/7420	Flame Atomic Absorption	10 µg/wipe	<input type="checkbox"/>
Wipe* <input type="checkbox"/> ASTM <input type="checkbox"/> non ASTM <small>*If no box is checked, non-ASTM Wipe is assumed</small>	SW846-6010B or C	ICP-AES	0.5 µg/wipe	<input type="checkbox"/>
	SW846-1311/7420/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
TCLP	SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	<input type="checkbox"/>
	SW846-7420	Flame Atomic Absorption	40 mg/kg (ppm)	<input type="checkbox"/>
	SW846-7421	Graphite Furnace AA	0.3 mg/kg (ppm)	<input type="checkbox"/>
Soil	SW86-6010B or C	ICP-AES	1 mg/kg (ppm)	<input type="checkbox"/>
	SM3111B or SW846-7000B/7420	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	<input type="checkbox"/>
Wastewater	SW846-6010B or C	ICP-AES	1 mg/kg (ppm)	<input type="checkbox"/>
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	<input type="checkbox"/>
Drinking Water	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	<input type="checkbox"/>

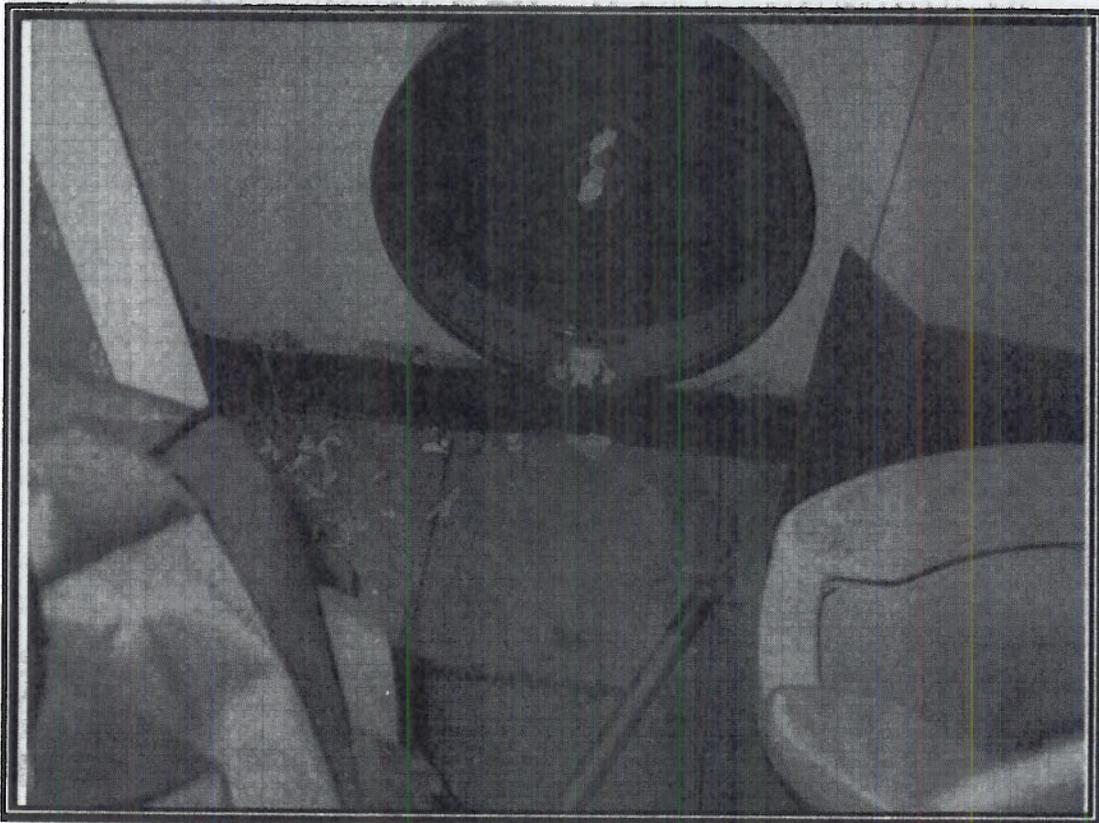
Other: _____ Preservation Method (Water): _____
 Name of Sampler: _____ Signature of Sampler: _____

Sample #	Volume/Area	Location	Time Sampled	Volume/Area	Date/Time Sampled
LB-01	4 th Floor	Restroom			3/24/10

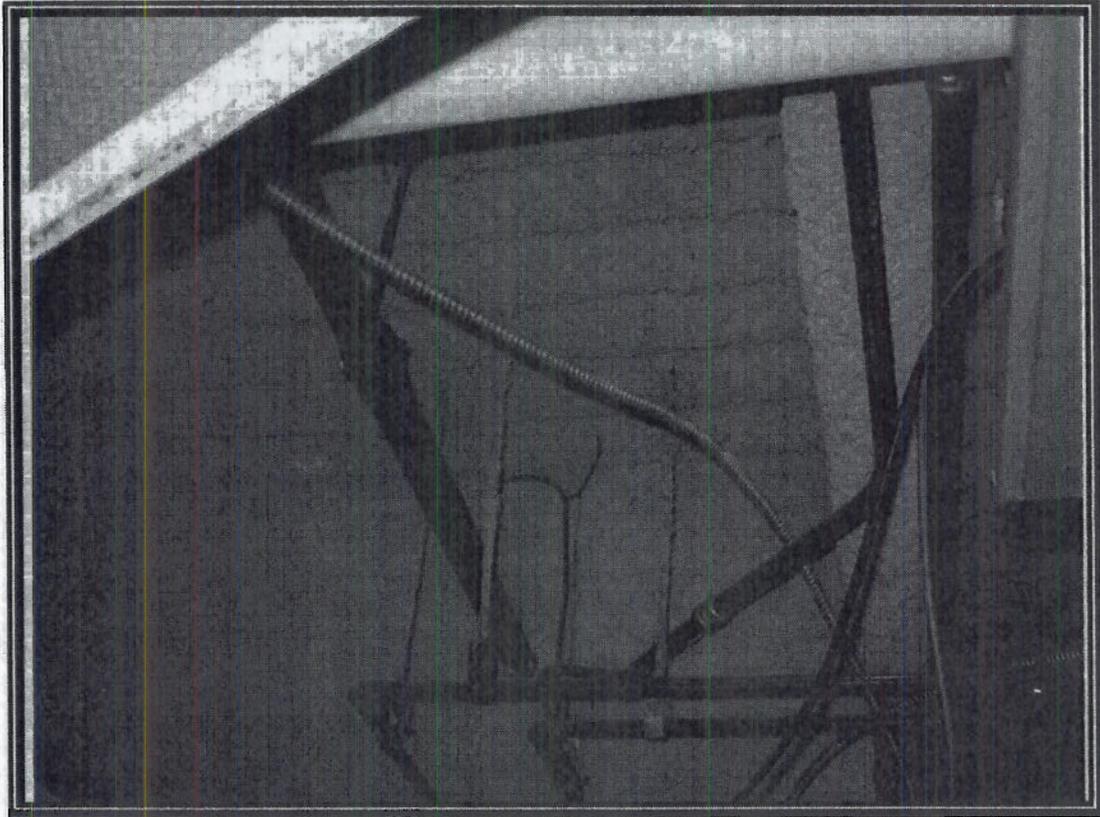
Client Sample #'s: 01 Total # of Samples: _____
 Relinquished (Client): [Signature] Date: 3/24/10 Time: 2:00 PM
 Received (Lab): [Signature] Date: 3/24/10 Time: 2 PM
 Comments: Walk In



1. View of asbestos-containing 9"x9" green vinyl floor tile with white flecks.



2. View of 12"x12" white vinyl floor tile with asbestos-containing black mastic.



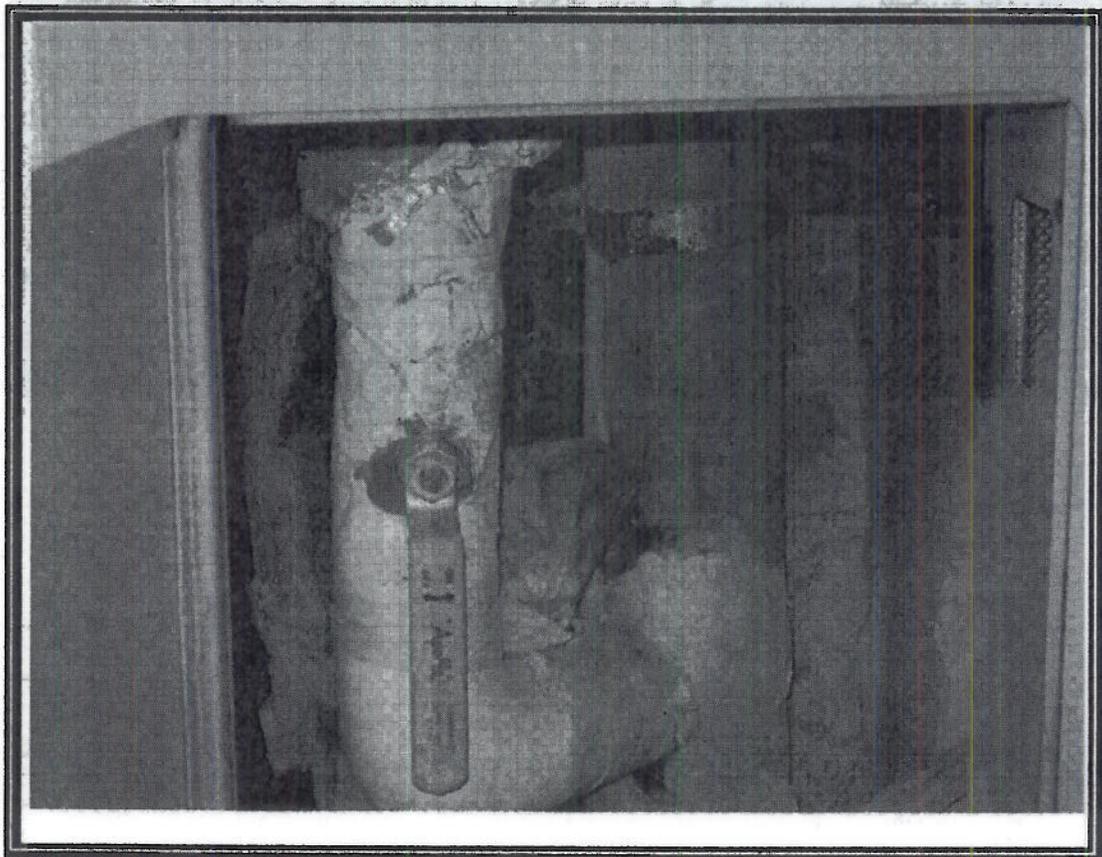
3. View of asbestos-containing gray spray-on fireproofing.



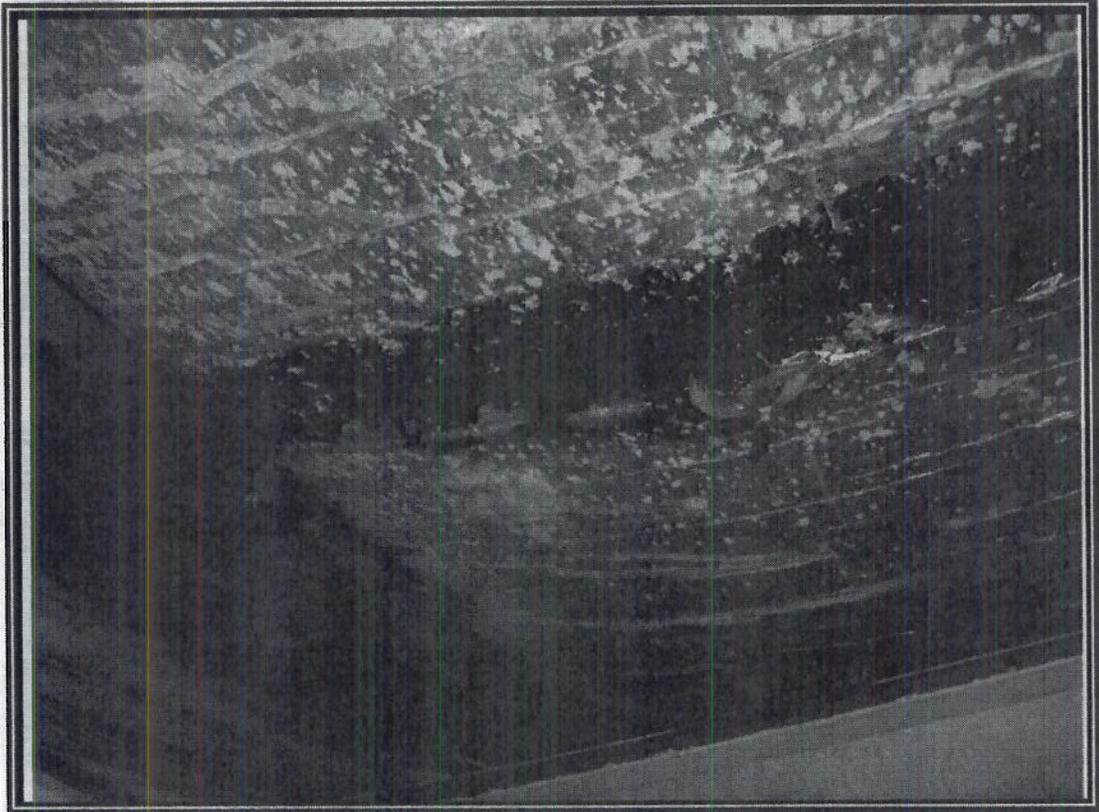
4. View of green ceramic shower tile with a lead-based glazing.



5. View of asbestos-containing white duct seam sealant.



6. View of asbestos-containing pipe and pipe fitting insulation.



7. View of asbestos-containing black duct seam sealant.

ATTACHMENT C

Sign-In sheet

Name	Company	e-mail
Kim Comstock	KCHome Improvement & Const. Co	KCHOMEIMPROVE@ ^{Get Name} Co.com
TIM KEEGIN	HRGM Corp	TIM@HRGM.COM
Marisa Padula	Padula Construction	marisa@paduladc.com
Joanna Benitez	Padula Construction	Joanna@paduladc.com
Laury GROSS	District Veterans Const.	lgross@districtcon.com
Lawrence Hillian	Hillian Bros	
Anthony Hillian	Hillian Bros	
Tim Crawford	The Lexx Group	tcrawford@thelxxgroup.com
KEVIN MASON	HOKTOR - BARBER	Hbconstruct@aol.com
Glen Jenkins	Fal Construction Inc	GLENKJC@MSN.COM
MICHAEL PIERCE	CENTURY GENERAL CONTRACTORS	MIKE@CENTURYGL.NET
maegan Lash	R.M.T.	mlash@rmthornton.com
ARRIAN LEWIS	MORENCY ENTERPRISES	alewis@morencydc.com

Sign-in sheet

Name

Company

e-mail

KIM CUMSTOCK

TIM KEESER

HERB COOP

TIM & HELEN COOP

MARCO POBOLA

POBOLA CONSTRUCTION

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JAMES BENTON

POBOLA CONSTRUCTION

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LOUIE ROSS

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LOUIE@DISTRICTVETERANS.COM

ANDREW HILLMAN

HILLMAN BROS

ANDREW HILLMAN

HILLMAN BROS

TIM WATKINS

THE BOX GROUP

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HANCOCK BROTHERS

KEVIN@HANCOCKBROS.COM

GLEN TAYLOR

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MICHAEL PIERCE

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MIKE@CENTURYGENERAL.COM

MARCO POBOLA

P.O. BOX 1

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ARRIAN CURTIS

MORENO ENTERPRISES

ARRIAN@MORENOENTERPRISES.COM

ATTACHMENT E

PART I

SECTION C – SCOPE/DRES DRAWINGS AND SPECIFICATIONS

C.1 SCOPE:

C.1.1 Summary

DRES is seeking a contractor to provide all labor, materials, equipment and supervision for the ADA Compliance Design at DC General ACC and Family Shelter in accordance with DRES Specifications and Drawings titled “Government of the District of Columbia, Department of Real Estate Services, Construction Division, located at 1900 Massachusetts Ave, SE” provided herewith, and the Government of the District of Columbia Standard Contract Provisions For Use With Specifications for District of Columbia Construction Projects dated January 2007, incorporated herein as Attachment J.1.2.

C.1.2 Background

The objective of this work is to bring the facilities rest rooms and programs into ADA Compliance in order to ensure safe and accessible facility. This may include but not limited to renovation of restrooms, offices, sleeping areas, new electrical, plumbing, and HVAC requirements, exterior renovations, patching/painting, and installation of new fixtures and equipment.

C.2 SPECIFICATIONS:

DRES (CD) Specifications titled “Government of the District of Columbia, Department of Real Estate Services, Construction Division, ADA Compliance Design at DC General ACC and Family Shelter located at 1900 Massachusetts Ave., SE”.

C.3 DRAWINGS:

The Contractor shall perform the work in accordance with the drawings listed below and that are stamped, initialed and dated:

ADA COMPLIANCE ACC DRAWING LIST

<u>SHEET #</u>	<u>SHEET TITLE</u>	<u>SCALE</u>
G0.1	COVER SHEET	NTS

ADA COMPLIANCE ACC DRAWING LIST - CIVIL

SHEET # SHEET TITLE
COMMON PROJECT SHEETS

B.5 PRICE BREAKDOWN FORM

The bidder must complete this breakdown of prices and submit it with its bid. In case of any discrepancy in the total bid price entered herein and the lump sum price in B.4, Section B.4 shall govern.

Breakdown into Divisions of lump sum price bid under CLIN 0001, Section B.4

DIVISION NO.	DESCRIPTION	TOTAL PRICE BREAKDOWN**
Div. 01	General Requirements	
Div. 02	Existing Conditions (including Abatement and Demolition of existing structure)	
Div. 03	Concrete	
Div. 04	Masonry	
Div. 05	Metals	
Div. 06	Wood, Plastics, and Composites	
Div. 07	Thermal and Moisture Protection	
Div. 08	Doors and Windows	
Div. 09	Finishes	
Div. 10	Specialties	
Div. 11	Equipment	
Div. 12	Furnishings	
Div. 13	Special Construction	
Div. 14	Conveying Systems	
Div. 15	Fire Suppression	
Div. 16	Plumbing	
Div. 17	Heating, Ventilation, and Air Conditioning	
Div. 18	Electrical	
Div. 19	Communications	
Div. 20	Electronic Safety and Security	
Div. 21	Earthwork	
Div. 22	Exterior Improvements	
Div. 23	Utilities	
Div.24	Transportation	
Lump Sum Bid Price	Lump Sum Bid Price (CLIN 0001 and CLIN 0002, Section-B.4 Part-I of IFB)

** DIVISION means a discrete component of the work for which a separate price is requested. The "Total Price Breakdown" is the sum total of all components, and must equal the Lump Sum Bid Price.

Revised Milestone Chart

Milestone #	Activity Name	Duration (calendar days after NTP)
1	***NTP Issued***	
2	Progress Photos and Daily Reports Submitted	Weekly
3	Progress and Coordination Meetings	Weekly
4	CPM-Cost Loaded Schedule Update	Weekly
5	Staff and Subcontractor List	3 days of NTP
6	Schedule of Values	5 days of NTP
7	Site Plan	5 days of NTP
8	Submittal Log	7 days of NTP
9	All Project Required Permits	10 days of NTP or Before Installation
10	Request for Information (RFI's)	10 days of NTP
11	All Submittal submitted	10 days of NTP
*12	Identified Base Bid Areas Completed <i>All demolition and new work, including but not limited to Plumbing, Electrical and Fire Alarm work associated with rooms 403, 403A, 404, 408, 409, 409A, 450, 502, 503, 503A, and 553.</i>	30 days of NTP
13	Operation and Maintenance & As-Built Drawings Rough Draft	30 days of NTP
14	Operation and Maintenance Final Submission	45 days of NTP
15	Remaining Identified Base Bid Areas Completed	60 days of NTP
16	As-Built Drawings Final Submission	60 days of NTP
17	ACC Building 29 Work Completed	90 days of NTP
18	Project Complete (All Work)	90 days of NTP

ATTACHMENT G

DEPARTMENT OF REAL ESTATE SERVICES
Government of The

CONTRACTOR'S BID BREAKDOWN FORM

Solicitation Number: _____

Project: _____
 Address: _____
 Bidder: _____

SPONSOR AGENCY: DRES
 FMS ID: _____

CSI	DESCRIPTION	QUANTITY	UNIT	MATERIAL		LABOR		TOTAL MATERIAL & LABOR
				UNIT	COST	UNIT	COST	
GENERAL CONSTRUCTION WORK-Include all overhead, profit, and mark-up in costs								
01 00 00	Rooms 403, 403A, General Conditions							
02 00 00	Demolition							
03 00 00	Concrete							
04 00 00	Masonry							
05 00 00	Metals							
06 00 00	Woods, Plastics and Composites							
07 00 00	Thermal and Moisture Protection							
08 00 00	Openings							
09 00 00	Finishes							
10 00 00	Specialties							
11 00 00	Equipment							
12 00 00	Furnishing							
13 00 00	Special Construction							
21 00 00	Fire Protection							
22 00 00	Plumbing							

DEPARTMENT OF REAL ESTATE SERVICES

CONTRACTOR'S BID BREAKDOWN FORM

Government of The

Solicitation Number:

9811 10 1100019V00

Project: _____
 Address: _____
 Bidder: _____

SPONSOR AGENCY: DRES _____
 FMS ID: _____

CSI	DESCRIPTION	QUANTITY	UNIT	MATERIAL		LABOR		TOTAL MATERIAL & LABOR
				UNIT	COST	UNIT	COST	
23 00 00	Heating, Ventilation and Air Conditioning							
26 00 00	Electrical							
	Subtotal							\$0.00
	Room 454							
01 00 00	General Conditions							
02 00 00	Demolition							
03 00 00	Concrete							
04 00 00	Masonry							
05 00 00	Metals							
06 00 00	Woods, Plastics and Composites							
07 00 00	Thermal and Moisture Protection							
08 00 00	Openings							
09 00 00	Finishes							
10 00 00	Specialties							
11 00 00	Equipment							
12 00 00	Furnishing							
13 00 00	Special Construction							

DEPARTMENT OF REAL ESTATE SERVICES

CONTRACTOR'S BID BREAKDOWN FORM

Government of The

Solicitation Number:

Project: _____ SPONSOR AGENCY: DRES
 Address: _____ FMS ID: _____
 Bidder: _____

CSI	DESCRIPTION	QUANTITY	UNIT	MATERIAL		LABOR		TOTAL MATERIAL & LABOR
				UNIT	COST	UNIT	COST	
21 00 00	Fire Protection							
22 00 00	Plumbing							
23 00 00	Heating, Ventilation and Air Conditioning							
26 00 00	Electrical							
	Subtotal							\$0.00
	Renovations to Room 553							
01 00 00	General Conditions							
02 00 00	Demolition							
03 00 00	Concrete							
04 00 00	Masonry							
05 00 00	Metals							
06 00 00	Woods, Plastics and Composites							
07 00 00	Thermal and Moisture Protection							
08 00 00	Openings							
09 00 00	Finishes							
10 00 00	Specialties							
11 00 00	Equipment							
12 00 00	Furnishing							
13 00 00	Special Construction							

DEPARTMENT OF REAL ESTATE SERVICES

CONTRACTOR'S BID BREAKDOWN FORM

Government of The

Solicitation Number: _____

gdt to tnemtr9vo3

Project: _____

SPONSOR AGENCY: DRES

Address: _____

FMS ID: _____

Bidder: _____

CSI	DESCRIPTION	QUANTITY	UNIT	MATERIAL		LABOR		TOTAL MATERIAL & LABOR
				UNIT	COST	UNIT	COST	
21 00 00	Fire Protection							
22 00 00	Plumbing							
23 00 00	Heating, Ventilation and Air Conditioning							
26 00 00	Electrical							
	Subtotal							\$0.00
	TOTAL							\$0.00