

<b>AMENDMENT OF SOLICITATION / MODIFICATION OF CONTRACT</b>			1. Contract Number	Page of Pages 1   2
2. Amendment/Modification Number DCAM-2008-B-0085-003	3. Effective Date July 14, 2008	4. Requisition/Purchase Request No.	5. Solicitation Caption Demolition of Nine Properties along Minnesota Ave. N.E.	
6. Issued by: Office of Contracting and Procurement Construction, Design and Building Renovation Group 441 4 <sup>th</sup> Street, NW Suite 700 South Washington, DC 20001		Code <input type="text" value="BJ"/>	7. Administered by (If other than line 6) Office of Property Management Capital Construction Services Administration 2000 14 <sup>th</sup> Street N.W. Fifth Floor Washington, D.C. 20009	
8. Name and Address of Contractor (No. street, city, county, state and zip code)		Code <input type="text"/>	Facility <input type="text"/>	<input checked="" type="checkbox"/> 9A. Amendment of Solicitation DCAM-2008-B-0085
				<input type="checkbox"/> 9B. Dated (See Item 11) June 10, 2008
				<input type="checkbox"/> 10A. Modification of Contractor/Order No.
				<input type="checkbox"/> 10B. Dated (See Item 13)
<b>11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS</b>				
<input checked="" type="checkbox"/> The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers <input checked="" type="checkbox"/> is extended. <input 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>2</u> copies 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 ACKNOWLEDGMENT 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 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)				
<b>13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14</b>				
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)				
<b>E. IMPORTANT:</b> Contractor <input checked="" type="checkbox"/> is not <input type="checkbox"/> is required to sign this document and return ___ copies to the issuing office.				
14. Description of Amendment/Modification (Organized by UCF Section headings, including solicitation/contract subject matter where feasible.)  Invitation for Bid# DCAM-2008-B-0085 is hereby amended as described on the following pages:				
Except as provided herein, all terms and conditions of the document referenced in item (9A or 10A) remain unchanged and in full force and effect.				
15A. Name and Title of Signer (Type or print)		16A. Name of Contracting Officer Diane Wooden Contracting Officer		
15B. Name of Contractor  (Signature)	15C. Date Signed	16B. District of Columbia  <i>Diane Wooden</i> (Signature of Contracting Officer)	16C. Date Signed  7/14/08	

The bid opening date is being changed from Tuesday July 15, 2008 at 2:00 p.m. to Friday, July 18, 2008 at 2:00 p.m.

## **Section J Attachments**

### **Insert**

Attachment J.1.8 (Asbestos Containing Materials Abatement)

Attachment J.1.9 (Handling of Polychlorinated Biphenyl (PCP) and Mercury Containing Equipment)

Attachment J.1.10 (Handling of Refrigerants and Fire Suppression Systems)

Attachment J.1.11 (Handling of Aboveground Storage Tanks (AST))

Attachment J.1.12 (Handling of Small Quantities of Regulated Substances)

## Attachment J.1.8

### ASBESTOS CONTAINING MATERIALS ABATEMENT

#### PART 1 – GENERAL

##### 1.01 Stipulations

- A. The procedures specified herein are guidelines for minimum performance. The Contractor is responsible for his own methods of operations and conformance to Federal, State, and local laws, regulations, standards, codes, and practices. The Contractor is required to obtain all applicable permits, licenses, authorizations and/or certificates, as required by applicable Federal, state and local laws and regulations prior to the start of operations for which they are required

##### 1.02 Scope of Work

- A. The Contractor is responsible for removing and disposing of regulated asbestos containing materials from the project site prior to building demolition.
- B. The Contractor shall use the Asbestos Containing Materials Report for the site as a guide in determining the locations and quantities of asbestos containing materials at the site.

##### 1.03 Laws and Regulations

- A. The following is a list of applicable laws, regulations, codes, and standards related to work described in this section. The exclusion of a law, regulation, code, or standard from this list in no way alleviates the Contractors responsibility to adhere to a law, regulation, code, or standard if it is applicable. The publications listed below form a part of this specification to the extent referenced.
  - 1) AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI)
    - a. ANSI Z9.2 (1979; R 1991) Fundamentals Governing the Design and Operation of Local Exhaust Systems
    - b. ANSI Z88.2 (1992) Respiratory Protection
  - 2) AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM)
    - a. ASTM E 1368 (1990) Visual Inspection of Asbestos Abatement Projects
    - b. ASTM E 1494 (1992) Encapsulants for Spray- or Trowel-Applied Friable Asbestos-Containing Building Materials
  - 3) CODE OF FEDERAL REGULATIONS (CFR)
    - a. 29 CFR 1910.1001 Asbestos Standard
    - b. 29 CFR 1926.103 Respiratory Protection
    - c. 29 CFR 1926.51 Sanitation
    - d. 29 CFR 1926.200 Accident Prevention Signs and Tags\
    - e. 29 CFR 1926.59 Hazard Communication
    - f. 29 CFR 1926.1101 Asbestos, Tremolite, Anthophyllite, Actinolite
    - g. 40 CFR 61-SUBPART A General Provisions
    - h. 40 CFR 61-SUBPART M National Emission Standard for Asbestos
    - i. 40 CFR 262 Generators of Hazardous Waste

- j. 40 CFR 263 Transporter of Hazardous Waste
- k. 49 CFR 172 Hazardous Materials Table and Hazardous Materials Communication Regulations
- l. 49 CFR 178 Shipping Container Specifications
- m. 40 CFR 763 Asbestos Containing Material in Schools
- 4) ENVIRONMENTAL PROTECTION AGENCY (EPA)
  - a. EPA 560/5-85-024 Guidance for Controlling Asbestos Containing Materials in Buildings
- 5) UNDERWRITERS LABORATORIES INC. (UL)
  - a. UL 586 (1990) High-Efficiency, Particulate, Air Filter Units

#### 1.04 DEFINITIONS

- A. ACM-Asbestos Containing Materials.
- B. Amended Water - Water containing a wetting agent or surfactant with a maximum surface tension of 2.9 Pa (29 dynes per square centimeter) when tested in accordance with ASTM D 1331.
- C. Area Sampling - Sampling of asbestos fiber concentrations which approximates the concentrations of asbestos in the theoretical breathing zone but is not actually collected in the breathing zone of an employee.
- D. Asbestos - The term asbestos includes chrysotile, amosite, crocidolite, tremolite asbestos, anthophyllite asbestos, and actinolite asbestos and any of these minerals that has been chemically treated or altered. Materials are considered to contain asbestos if the asbestos content of the material is determined to be at least one percent.
- E. Asbestos Control Area - That area where asbestos removal operations are performed which is isolated by physical boundaries which assist in the prevention of the uncontrolled release of asbestos dust, fibers, or debris.
- F. Asbestos Fibers - Those fibers having an aspect ratio of at least 3:1 and longer than 5 micrometers as determined by National Institute for Occupational Safety and Health (NIOSH) Method 7400.
- G. Asbestos Permissible Exposure Limit - 0.1 fibers per cubic centimeter of air as an 8-hour time weighted average measured in the breathing zone as defined by 29 CFR 1926.1101 or other Federal legislation having legal jurisdiction for the protection of workers health.
- H. Background - The ambient airborne asbestos concentration in an uncontaminated area as measured prior to any asbestos hazard abatement efforts. Background concentrations for other (contaminated) areas are measured in similar but asbestos free locations.
- I. Owner's Project Manager - The Project Manager designated by the Contracting Officer.
- J. CONTRACTOR - The Contractor is that individual, or entity under contract to perform the herein listed work.
- K. Encapsulation - The abatement of an asbestos hazard through the appropriate use of chemical encapsulants.
- L. Encapsulants - Specific materials in various forms used to chemically or physically entrap asbestos fibers in various configurations to prevent these fibers from becoming airborne. There are four types of encapsulants.
  - 1) Removal Encapsulant (can be used as a wetting agent),

- 2) Bridging Encapsulant (used to provide a tough, durable surface coating to asbestos containing material),
  - 3) Penetrating Encapsulant (used to penetrate the asbestos containing material encapsulating all asbestos fibers and preventing fiber release due to routine mechanical damage),
  - 4) Lock-Down Encapsulant (used to seal off or "lock-down" minute asbestos fibers left on surfaces from which asbestos containing material has been removed).
- M. Friable Asbestos Material - One percent asbestos containing material that can be crumbled, pulverized, or reduced to powder by hand pressure when dry.
- N. Glovebag Technique - Those asbestos removal and control techniques put forth in 29 CFR 1926.1101 Appendix G.
- O. HEPA Filter Equipment - High efficiency particulate air (HEPA) filtered vacuum and/or exhaust ventilation equipment with a filter system capable of collecting and retaining asbestos fibers. Filters shall retain 99.97 percent of particles 0.3 microns or larger as indicated in UL 586.
- P. Negative Pressure Enclosure (NPE) - That engineering control technique described as a negative pressure enclosure in 29 CFR 1926.1101.
- Q. Nonfriable Asbestos Material - Material that contains asbestos in which the fibers have been immobilized by a bonding agent, coating, binder, or other material so that the asbestos is well bound and will not normally release asbestos fibers during any appropriate use, handling, storage or transportation. It is understood that asbestos fibers may be released under other conditions such as demolition, removal, or mishap.
- R. Personal Sampling - Air sampling which is performed to determine asbestos fiber concentrations within the breathing zone of a specific employee, as performed in accordance with 29 CFR 1926.1101.
- S. TEM - Refers to Transmission Electron Microscopy.
- T. Time Weighted Average (TWA) - The TWA is an 8-hour time weighted average airborne concentration of asbestos fibers.
- U. Wetting Agent - A chemical added to water to reduce the water's surface tension thereby increasing the water's ability to soak into the material to which it is applied. An equivalent wetting agent must have a surface tension of at most 2.9 Pa (29 dynes per square centimeter) when tested in accordance with ASTM D 1331.

#### **1.05 SUBMITTALS**

- A. Product Data: Submit five (5) copies of the following:
- 1) Material Safety Data Sheets (MSDS) sheets for each product containing hazardous materials as defined by OSHA's Hazardous Communication Standard; 29 CFR 1910.1200.
- B. Quality Assurance/Control Submittals: Submit five (5) copies of the following:
- 1) Asbestos Compliance Work Plan: Detailed, job-specific plan of the procedures proposed for use in complying with the requirements of this Specification and 29 CFR 1926.1101. Once approved by the Owner's Project Manager the plan will be enforced as if an addition to the specification. Any changes required in the specification as a result of the plan shall be identified specifically in the plan to allow for free discussion and approval by the Owner's Project Manager prior to starting work.
  - 2) Worker Certification: Current asbestos worker certifications for personnel to be engaged in the work of this Section. Workers will not be permitted on the project site until the submittal is complete and has been accepted by the

Owner's Project Manager. Provide the following information for each worker:

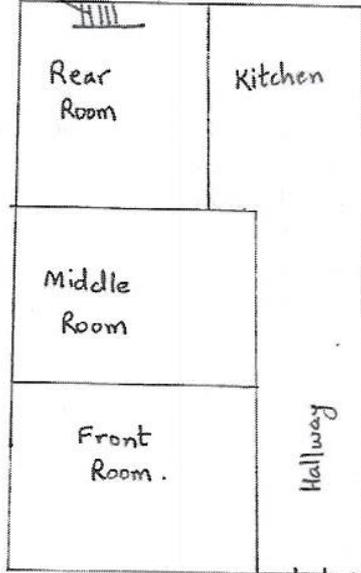
- a. Employee quantitative respirator fit-test records that identify the testing agency, the individual fit test exercise fit factor results, and the overall fit factor result;
  - b. Employee medical approval to wear respirator protection records;
  - c. Current AHERA-certified asbestos contractor supervisor certificate(s) and training for the designated contractor supervisor only;
  - d. Current AHERA-certified asbestos worker certificate(s) and training; and
  - e. Employee picture identification matching names on records.
- C. Notification: Submit USEPA and District of Columbia asbestos project notification letter(s) and variance letter(s). Submit three (3) copies
- D. Waste Manifest: Use the asbestos waste tracking system described under Title 40, Code of Federal Regulations 61.15 (d). Submit the signed original manifest and two (2) copies. The Contract Administrator must receive waste manifests within forty-five (45) days of the completion of the project.
- E. Submit written results of any air monitoring conducted by or for the CONTRACTOR during the course of the project (example: OSHA compliance air monitoring, air clearance results).

#### **1.06 REQUIREMENTS**

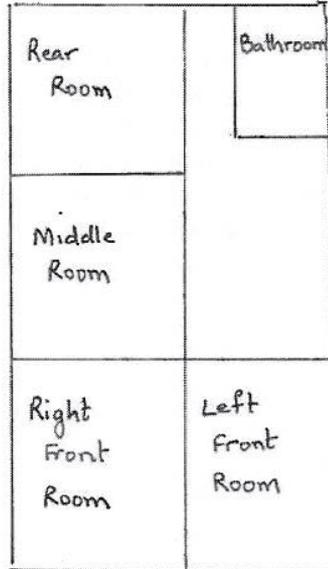
- A. Description of work
- 1) Asbestos: The work shall involve the abatement of friable and non-friable ACM throughout the building. The work also includes the disposal of any asbestos containing materials generated by the work. More specific operational procedures shall be outlined in the Asbestos Compliance Plan called for elsewhere in this specification section. Quantities of materials to be removed, which are provide herein, are approximate estimates by the Project Designer. It shall be the responsibility of the CONTRACTOR to verify and agree with the quantities provided prior to submitting a bid. If the CONTRACTOR bids for this work without disputing specified quantities of described materials, this shall indicate acceptance of a Scope of Work, which includes removal, and replacement of all described materials, regardless of listed quantity.
  - 2) The asbestos work includes the abatement of the following materials identified on each of the following diagrams and/or identified in the asbestos survey report.

# 4046 Minnesota Ave

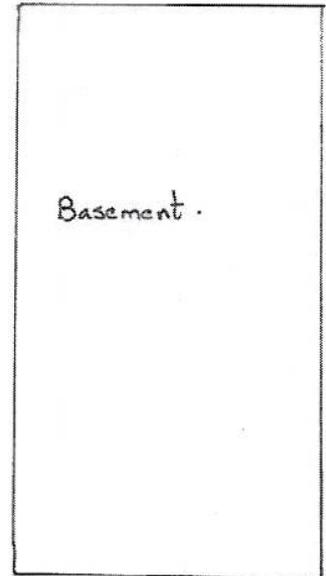
stairs to basement.



Level I.



Level II



ACM	
Material	Quantity
Transite	3,600 SF
Resilient Floor Tile and Mastic	1,200 SF
Roofing	1,000 SF

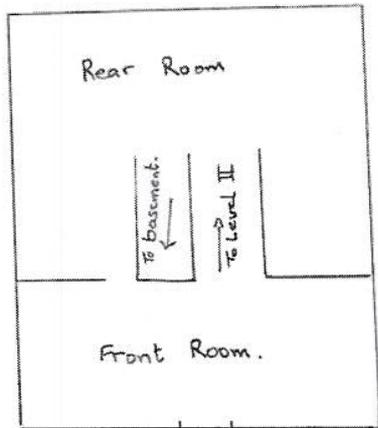
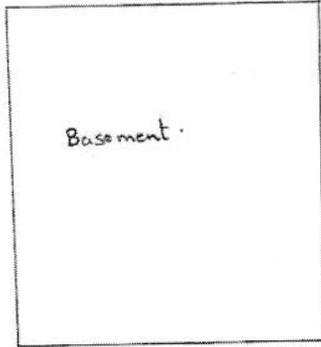
LBP	
Material	Quantity
Transite	3,600 SF
Doors and door components	25 Each
Wall	15,000 SF
Windows and window components	20 Each
Front porch	150 SF
Pipe	150 LF
Baseboard	250 SF
Floorboard	200 SF
Radiator	8 Each
Cabinetry	300 SF
Stair and stair components	250 SF

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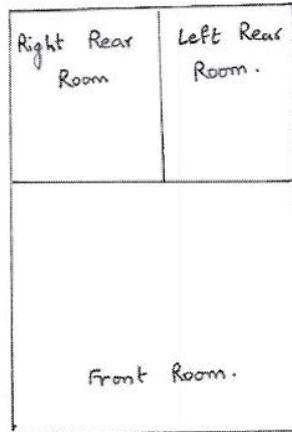
Notes:  
Not to Scale  
Floor Plan to be used for purpose of this report only  
Refer the report for all other hazardous materials

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# 4032 Minnesota Ave



Level I



Level II

ACM	
Material	Quantity
Resilient Floor Tile and Mastic*	2,800 SF
Roofing	2,100 SF
Fire Door	1 Each

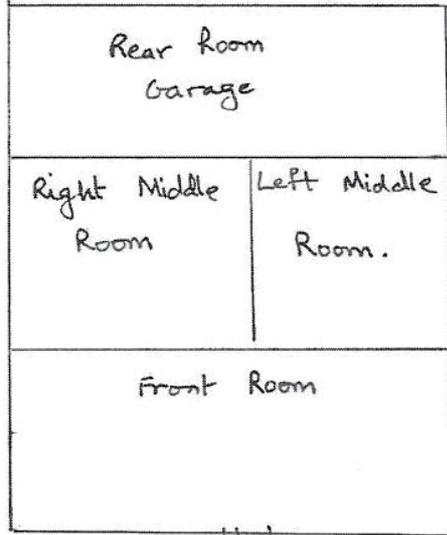
LBP	
Material	Quantity
Wall	1000 SF
Windows and window components	15 each
Baseboard	50 SF
Door and door components	1 Each

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# 4030 Minnesota Ave



ACM	
Material	Quantity
Resilient Floor Tile and Mastic	100 SF
Fire Door	7 Each
Roofing	3,000 SF

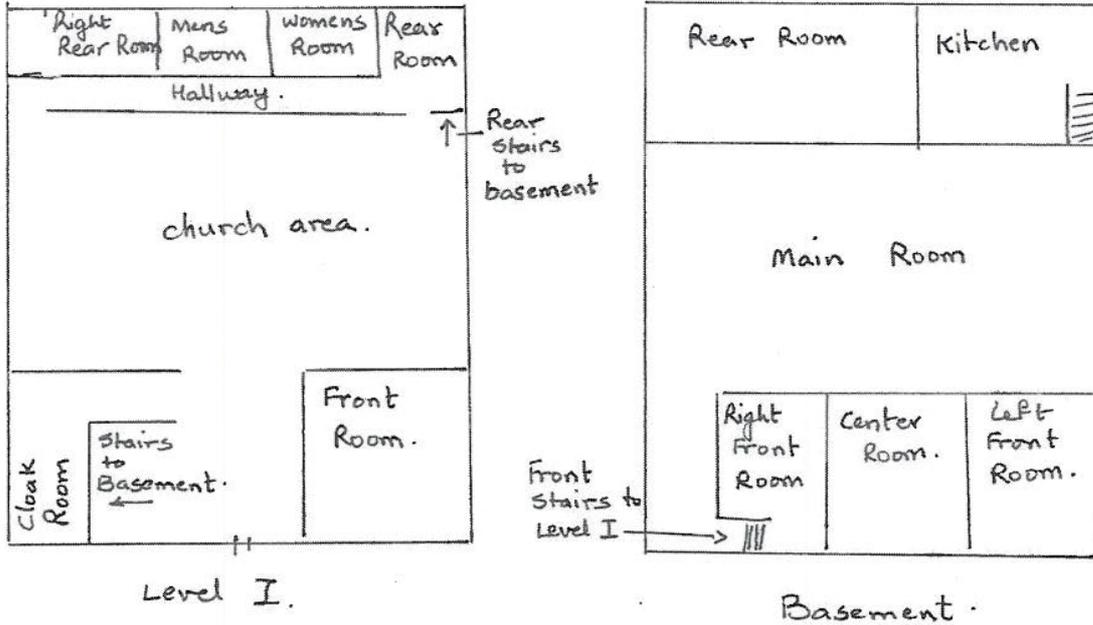
LBP	
Material	Quantity
No lead paint was found in the building.	

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# 4024 Minnesota Ave



ACM	
Material	Quantity
Resilient Floor Tile and Mastic	5,600 SF
Sealant on HVAC	100 SF
Roofing	3,600 SF

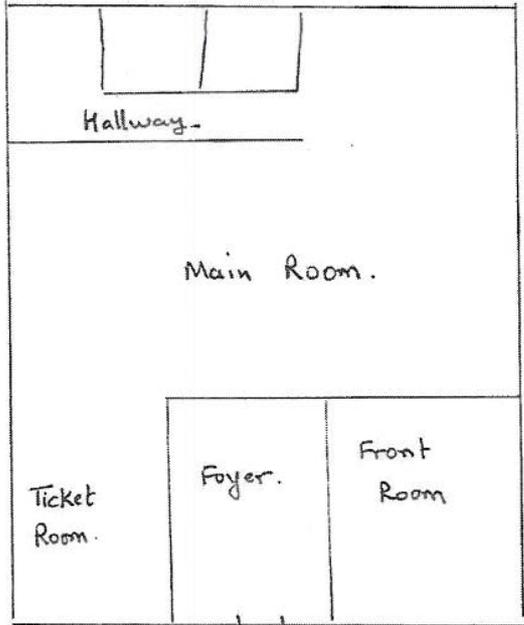
LBP	
Material	Quantity
Wall	230 SF
Ceiling	1,000 SF

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# 4020 Minnesota Ave



Level I



Basement.

ACM	
Material	Quantity
Resilient Floor Tile and Mastic*	150 SF
Roofing	2,400 SF

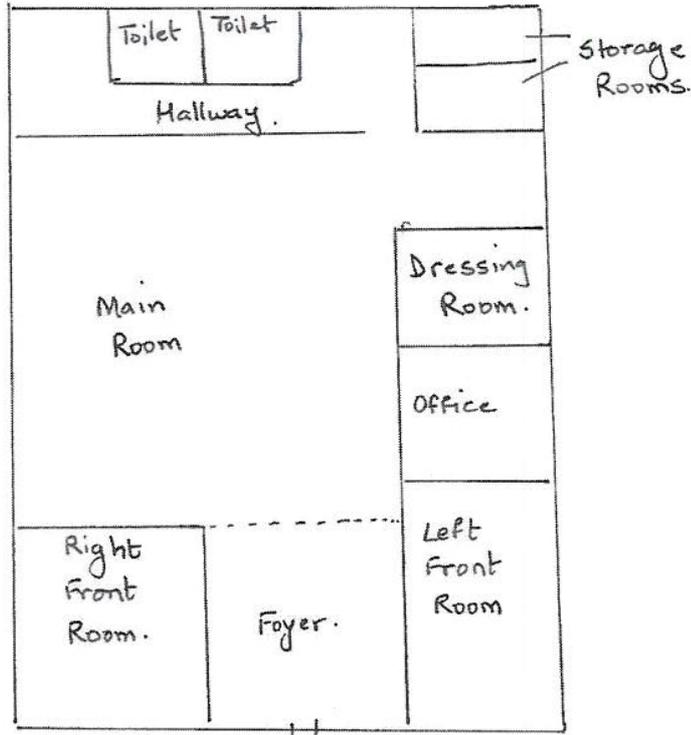
LBP	
Material	Quantity
Wall	4,000 SF
Door and door components	7 Each
Ceiling	1,000 SF

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# 4018 Minnesota Ave



Level I.

ACM	
Material	Quantity
Resilient Floor Tile and Mastic	2,000 SF
Roofing	2,100 SF

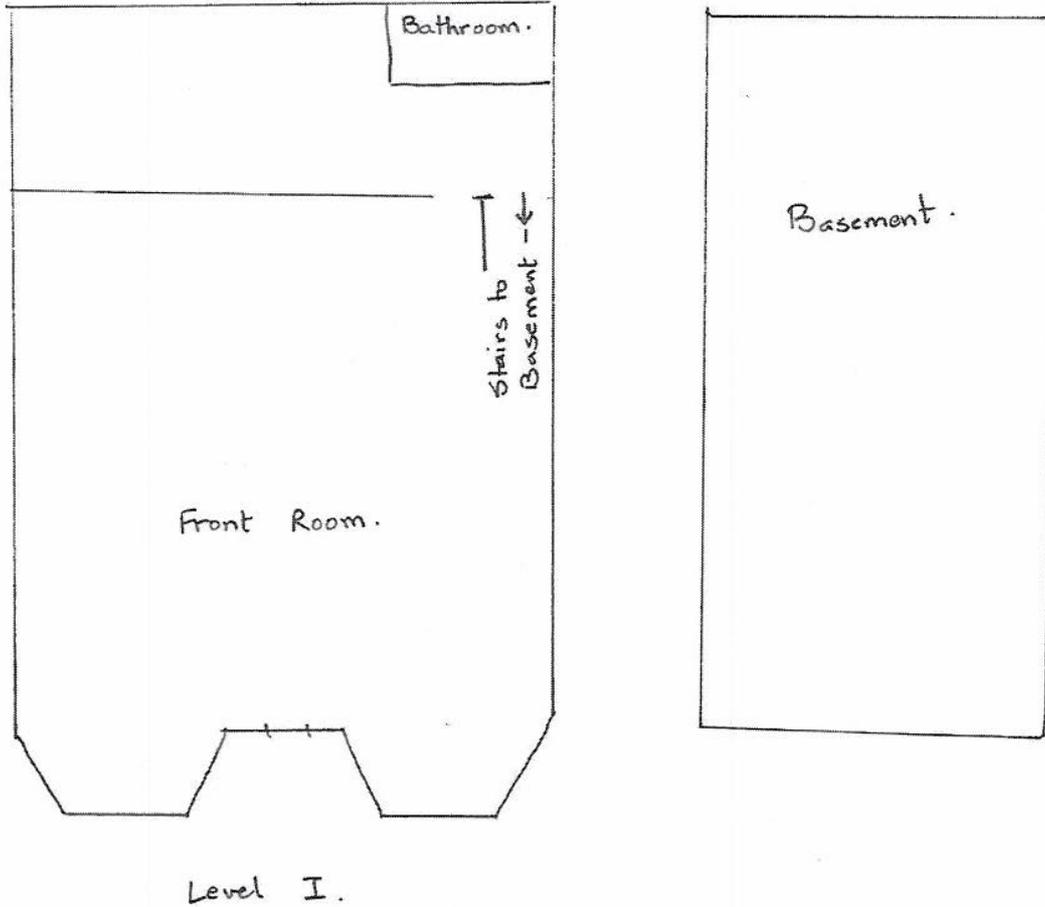
LBP	
Material	Quantity
Wall	300 SF
Door and door components	1 Each

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# 4016 Minnesota Ave



ACM	
Material	Quantity
Pipe Insulation	75 LF
Pipe Fitting Insulation	10 Each
Roofing	1,100 SF

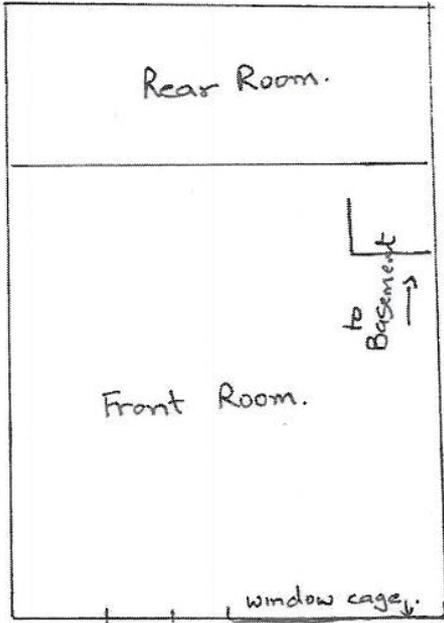
LBP	
Material	Quantity
Wall	2,000 SF
Baseboard	100 SF
Door and door components	5 Each
Pipe	20 LF

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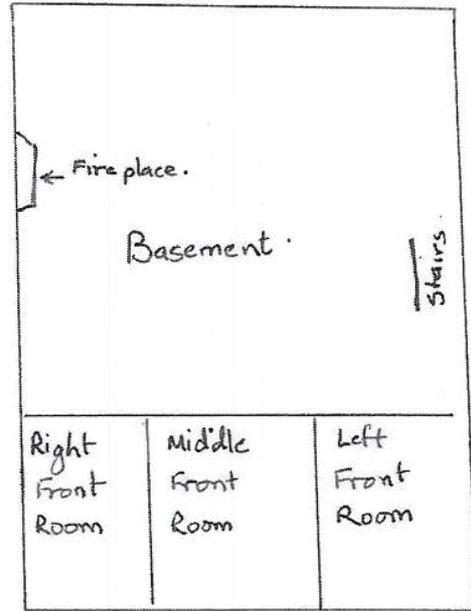
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# 4014 Minnesota Ave



Level I.



ACM	
Material	Quantity
Resilient Floor Tile and Mastic*	2,000 SF
Roofing	1,100 SF

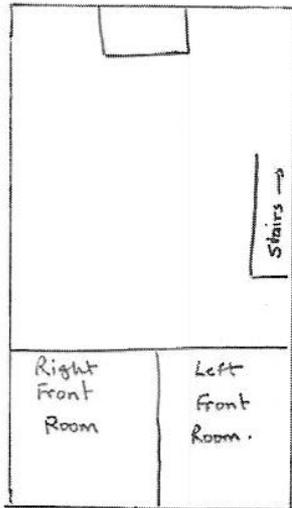
LBP	
Material	Quantity
Door and door components	4 Each
Wall	275 SF
Baseboard	120 SF
Window cage	10 SF
Ceiling	1,000 SF
Window sill	12 SF

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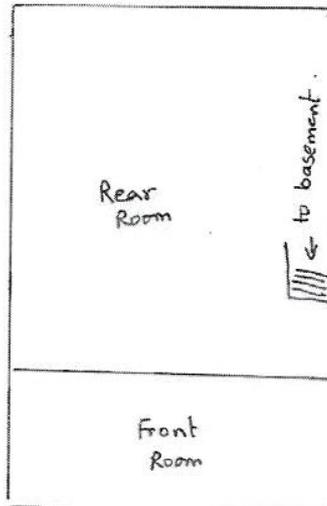
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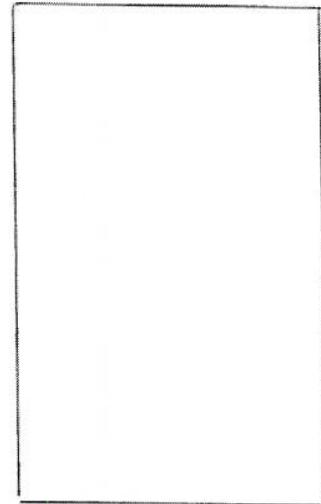
# 4012 Minnesota Ave



Level II



Level I



Basement .

ACM	
Material	Quantity
Roofing	1,100 SF

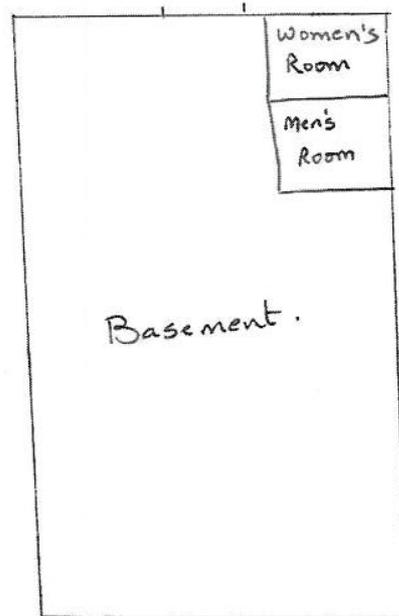
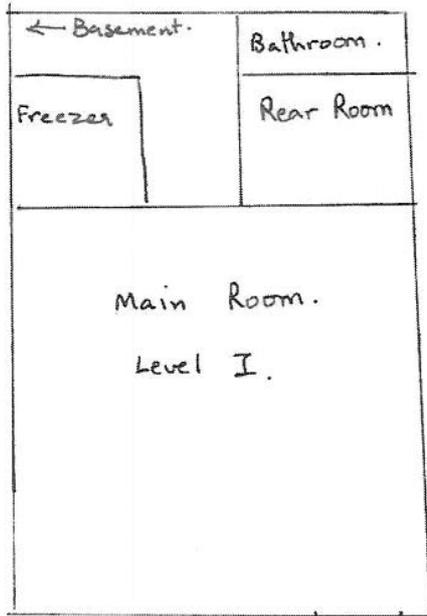
LBP	
Material	Quantity
Window and window components	1 Each
Door and door components	1 Each

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# 4010 Minnesota Ave



ACM	
Material	Quantity
Resilient Floor Tile and Mastic*	2,700 SF
Mastic Dots	150 SF

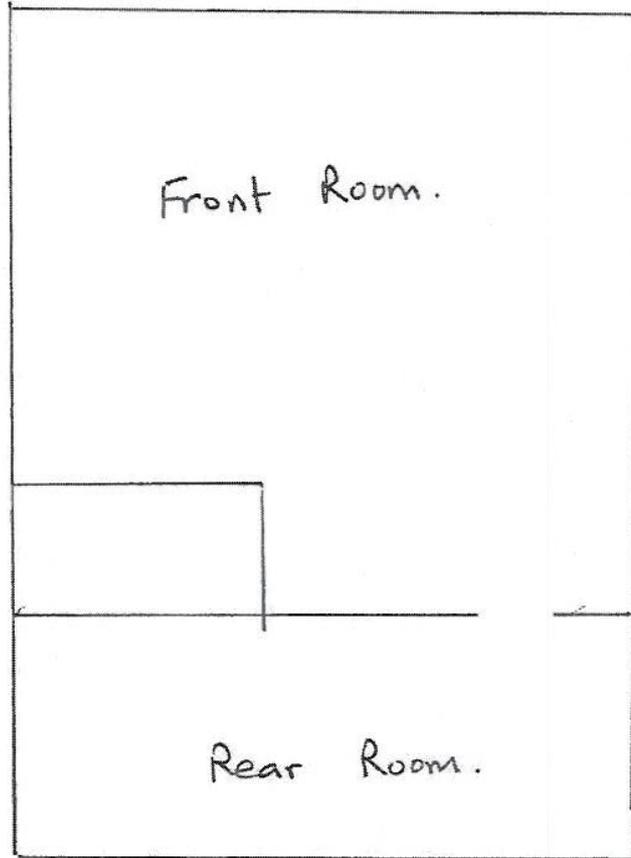
LBP	
Material	Quantity
Door and door component	5 Each
Baseboard	140 SF
Pipes	25 LF
Wall	200 SF

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# 4008 Minnesota Ave



ACM	
Material	Quantity
Plaster	4,600 SF
Roofing	1,400 SF

LBP	
Material	Quantity
Window and window component	10 Each
Baseboard	200 SF
Door and door component	3 Each
Wall and ceiling	4,600 SF

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- 3) The Incidental Work includes:
  - a. Selective demolition necessary to facilitate abatement of the above listed materials.
  - b. Removal and disposal of trash in regulated areas.
  - c. Disturbance of lead containing paint (refer to section 13281)
- B. Medical Requirements: Provide medical requirements including but not limited to medical surveillance and medical record keeping as listed in 29 CFR 1926.1101.
- C. Training: Train all personnel involved in the asbestos control work in accordance with United States Environmental Protection Agency (USEPA) Asbestos Hazard Emergency Response Act (AHERA) training criteria. The CONTRACTOR shall document the training by providing: dates of training, training entity, course outline, names of instructors, and qualifications of instructors upon request by the Owner's Project Manager. Furnish each employee with respirator training and fit testing as required by 29 CFR 1926.1101. Fully cover engineering and other hazard control techniques and procedures.
- D. The contractor shall submit air clearance and area samples to an analytical laboratory that is accredited by the American Industrial Hygiene Association's (AIHA) Industrial Hygiene Laboratory Accreditation Program (IHLAP) and maintains current accreditation throughout the duration of this project.
- E. Permits, Licenses, and Notifications:
  - 1) Obtain necessary permits and licenses in conjunction with asbestos removal, encapsulation, hauling, and disposition, and furnish notification of such actions required by Federal, State, regional, and local authorities prior to the start of work.
  - 2) Notify the Regional Office of the United States Environmental Protection Agency (USEPA), DC Department of Health, Air Quality Division and the Owner's Project Manager in writing 10 working days prior to commencement of work in accordance with 40 CFR 61-SUBPART M and DC Law No. 14-307.
- F. Environment, Safety and Health Compliance:
  - 1) In addition to detailed requirements of this specification, comply with those applicable laws, ordinances, criteria, rules, and regulations of Federal, State, regional, and local authorities regarding handling, storing, transporting, and disposing of asbestos waste materials. Comply with the applicable requirements of the current issue of 29 CFR 1926.1101, 40 CFR 61-SUBPART A, and 40 CFR 61-SUBPART M. Submit matters of interpretation of standards to the appropriate administrative agency for resolution before starting the work.
  - 2) Where the requirements of this specification, applicable laws, rules, criteria, ordinances, regulations, and referenced documents vary, the most stringent requirement as defined by the Government shall apply.

## **PART 2 – PRODUCTS**

### **2.01 DISPOSAL BAGS**

- A. Bags shall be a minimum of 6 mil thick polyethylene. Affix a warning and Department of Transportation (DOT) label to each bag or use bags with the approved warnings and DOT labeling preprinted on the bag.

## **2.02 PLASTIC SHEET**

- A. Plastic sheet, polyethylene, 6 mil minimum thickness, unless otherwise specified, in sizes to minimize the frequency of joints. Affix warning labels to the plastic sheet used to line trucks and transportation containers.

## **2.03 TAPE**

- A. Capable of sealing joints of adjacent sheets or plastic sheets and for attachment of plastic sheet to finished or unfinished surfaces of dissimilar materials and capable of adhering under dry and wet conditions, including use of amended water.

## **2.04 TOOLS**

- A. Vacuums shall be leak proof to the filter and equipped with HEPA filters. Filters on vacuums shall conform to ANSI Z9.2 and UL 586.

## **2.05 WARNING LABELS**

- A. Provide labels conforming to 29 CFR 1926.58(k) of sufficient size to be clearly legible, displaying the following legend:

DANGER  
CONTAINS ASBESTOS FIBERS  
AVOID CREATING DUST  
CANCER AND LUNG DISEASE HAZARD  
BREATHING ASBESTOS DUST MAY  
CAUSE SERIOUS BODILY HARM

## **PART 3 – EXECUTION**

### **3.01 WORK PROCEDURE**

- A. Perform asbestos related work in accordance with 29 CFR 1926.1101, 40 CFR 61-SUBPART M, and as specified herein. Use wet removal procedures techniques. Personnel shall wear and utilize protective clothing and equipment as specified herein. Eating, smoking, drinking, chewing gum, tobacco, or applying cosmetics shall not be permitted in the asbestos work or control areas. Personnel of other trades not engaged in the removal of asbestos containing material shall not be exposed at any time to airborne concentrations of asbestos unless all the personnel protection and training provisions of this specification are complied with by the trade personnel. If an asbestos fiber release or spill occurs outside of the asbestos control area, stop work immediately, correct the condition to the satisfaction of the Owner's Project Manager including clearance sampling, prior to resumption of work.

- B. Removal Procedures: Wet asbestos material with a fine spray of amended water during removal, cutting, or other handling so as to reduce the emission of airborne fibers. Remove material and immediately place in 0.15 mm (6-mil) plastic disposal bags. Remove asbestos containing material in a gradual manner, with continuous application of the amended water or wetting agent in such a manner that no asbestos material is disturbed prior to being adequately wetted. Where unusual circumstances prohibit the use of 0.15 mm (6-mil) plastic bags, submit an alternate proposal for containment of asbestos fibers to the Owner's Project Manager for approval. Asbestos containing material shall be containerized while wet. At no time shall asbestos material be allowed to accumulate or become dry. Lower and otherwise handle asbestos containing material as indicated in 40 CFR 61-SUBPART M.
- C. Vent all exhaust units to the outside of the building. Provide flexible or rigid duct as necessary to provide exterior venting and proper location of exhaust units. Ducts shall be completely sealed, in good repair, and protected from possible damage within the work area. If the exhaust for the negative air pressure devices cannot discharge directly to the outside, the CONTRACTOR shall demonstrate to the Owner's Project Manager's satisfaction that the units will not release asbestos fibers.
- D. Asbestos Air Monitoring: The CONTRACTOR is responsible for all costs associated with air monitoring. Sampling of airborne concentrations of asbestos fibers shall be performed in accordance with 29 CFR 1926.1101 and as specified herein. Unless otherwise specified, use NIOSH Method 7400 for sampling and analysis. Monitoring may be duplicated by the Owner at the discretion of the Owner's Project Manager. If the air sampling results obtained by the Owner differ from those results obtained by the CONTRACTOR, the Owner will determine which results predominate.
- E. Disposal: All waste materials, except as specified otherwise, shall become the property of the CONTRACTOR and shall be disposed of as specified in applicable local, State, and Federal regulations and herein.
  - 1) All material, whether hazardous or non-hazardous shall be disposed in accordance with laws and provisions and Federal, State, or local regulations.
  - 2)
  - 3) Submit written evidence to demonstrate the hazardous waste treatment, storage, or disposal facility is approved for asbestos by the EPA, State or local regulatory agencies. Submit one copy of the completed hazardous waste manifest, signed and dated by the initial transporter in accordance with 40 CFR 262. CONTRACTOR shall provide a certificate that the waste was accepted by the disposal facility.

### **3.02 PROJECT CLEARANCE**

- A. Clean all surfaces in the work area until no residue is visible and the measured airborne concentration of asbestos fibers longer than five (5) microns is less than one hundredth (0.01) fiber per cubic centimeter using the methods specified in NIOSH 7400. At least two (2) samples per 2,500 square feet of floor area are required.
- B. The CONTRACTOR shall not tear down / remove negative pressure enclosure or negative air machines until clearance results have been received by the Owner's Project Manager and verbal notice has been given.

- C. Within twenty-four (24) hours of receipt of final written monitoring results, the CONTRACTOR shall submit this data to the Owner's Project Manager and faxed to the attention of the DC Air Quality Division, Compliance & Enforcement Branch at (202) 535-1371.

**End of Attachment J.1.7**

## **Attachment J.1.9**

### **HANDLING OF POLYCHLORINATED BIPHENYL (PCB) AND MERCURY CONTAINING EQUIPMENT**

#### **PART 1 – GENERAL**

##### **1.01 Stipulations**

- A. The procedures specified herein are guidelines for minimum performance. The Contractor is responsible for his own methods of operations and conformance to Federal, State, and local laws, regulations, standards, codes, and practices. The Contractor is required to obtain all applicable permits, licenses, authorizations and/or certificates, as required by applicable Federal, state and local laws and regulations prior to the start of operations for which they are required

##### **1.02 Scope of Work**

- A. The Contractor is responsible for removing all PCB and mercury containing equipment from the project site prior to demolition. The Contractor may assume that, at a minimum, the following items are located at the project site:
  - 1) 100 light ballasts
  - 2) 350 fluorescent light tubes / lamps
  - 3) One (1) mercury containing thermostat (4032 Minnesota Ave.)
- B. All lighting ballasts which do not possess a “Non PCB” label shall be assumed by the Contractor to contain PCBs.
- C. The Contractor shall assume that all lighting tubes/lamps contain mercury.

##### **1.03 Laws and Regulations**

- A. The following is a list of applicable laws, regulations, codes, and standards related to work described in this section. The exclusion of a law, regulation, code, or standard from this list in no way alleviates the Contractors responsibility to adhere to a law, regulation, code, or standard if it is applicable. The publications listed below form a part of this specification to the extent referenced.
  - 1) DC Municipal Regulations (DCMR) – Title 20 (Environment)
    - a. Chapter 40 - General Standards for the Management of Hazardous Waste
    - b. Chapter 41 - Identification and Listing of Hazardous Waste
    - c. Chapter 42 - Standards Applicable to Generators of Hazardous Waste
    - d. Chapter 43 - Standards Applicable to Transporters of Hazardous Waste
    - e. Chapter 46 - The Hazardous Waste Permit Program
    - f. Chapter 47 - Procedures for Decision Making
  - 2) Code of Federal Regulations (CFR)–Title 40 (Protection of the Environment)

- a. 40 CFR 260 – Hazardous Waste Management - General
  - b. 40 CFR 261 – Identification and Listing of Hazardous Waste
  - c. 40 CFR 262 – Standards Applicable to Generators of Hazardous Waste
  - d. 40 CFR 263 - Standards Applicable to Transporters of Hazardous Waste
  - e. 40 CFR 268 – Land Disposal Restrictions
  - f. 40 CFR 270 – EPA Administered Permit Programs: The Hazardous Waste Permit Program
  - g. 40 CFR 273 – Standards for Universal Waste Management
  - h. 40 CFR 302 – Designation, Reportable Quantities and Notifications
  - i. 40 CFR 761 – Polychlorinated Biphenyls (PCBS) Manufacturing, Processing, Distribution, in Commerce, and Prohibitions
- 3) Code of Federal Regulations (CFR)–Title 49 (Transportation)
- a. 49 CFR 107 – Hazardous Materials Program Procedure
  - b. 49 CFR 171 – General Information, Regulations, and Definitions,
  - c. 49 CFR 172 – Hazardous Materials Table, Special Provisions, Hazardous Materials Communications, Emergency Response Information, and Training Requirements
  - d. 49 CFR 173 – Shippers--General Information of Shippers and Packaging
  - e. 49 CFR 177 – Carriage by Public Highway
  - f. 49 CFR 178 – Specifications for Packaging
  - g. 49 CFR 397 – Transportation of Hazardous Materials
- 4) Code of Federal Regulations (CFR)–Title 29 (Occupational Safety and Health Standards)
- a. 29 CFR 1910.120 – Hazardous Waste Operations and Emer. Response
  - b. 29 CFR 1910.1200 – Hazard Communication
  - c. 29 CFR 1910.1201 – Retention of DOT Markings, Placards and Labels
  - d. 29 CFR 1926..65 – Hazardous Waste Operations and Emer. Response

## **PART 2 – PRODUCTS**

NONE

## **PART 3 – EXECUTION**

### **3.01 Work Procedure**

- A. Furnish labor, materials, services, and equipment necessary for the removal of PCB containing lighting ballasts, associated mercury-containing fluorescent lamps, and mercury containing equipment in accordance with Federal, State, and local regulations. Do not expose PCBs to open flames or other high temperature sources since toxic by-products may be produced. Do not break mercury containing fluorescent lamps or equipment.

### **3.02 Removal**

- A. As ballasts are removed from the lighting fixtures, inspect the label on the ballast. Ballasts without a “No PCB” label shall be assumed to contain PCBs and containerized and disposed of accordingly.
- B. Lighting tubes/lamps shall be carefully removed from the lighting fixture and placed, unbroken, into appropriate storage containers.
- C. Mercury containing equipment (thermostats, switches, etc.) shall be carefully removed and placed, unbroken, into appropriate storage containers.

### **3.03 Storage & Disposal**

- A. PCB ballasts shall be stored in containers approved by the Department of Transportation (DOT) for PCBs. Comply with storage, transportation, and disposal requirements outlined in 40 CFR 761, 40 CFR 263, and 49 CFR 178.
- B. If ballasts have a “No PCB” label, the Contractor shall establish whether the “No PCB” labeled ballast contains diethylhexyl phthalate (DEHP) either by testing or by contacting the manufacturer indicated on the label. Submit test results or written confirmation from the manufacturer to the Owner/Owner’s Representative.
- C. Ballasts with a “No PCB” label that do not contain DEHP may be disposed of as normal demolition debris.
- D. Ballasts with a “No PCB” label that are found to contain DEHP must be disposed of as a hazardous material in accordance with applicable regulations.
- E. Lighting tubes/lamps and other mercury containing equipment shall be stored in appropriate DOT approved containers. Refer to 49 CFR 178 for packaging and container requirements. All containers for mercury storage shall be marked and labeled in accordance with 40 CFR 273.
- F. All removed lighting tubes/lamps shall be treated as a hazardous waste. Lighting tubes/lamps must be disposed of at a hazardous waste landfill or sent to a lamp recycling facility. All removed mercury-containing equipment shall be treated as hazardous waste must be disposed of at a hazardous waste landfill or sent to an appropriate recycling facility.

### **3.04 Certificate of Disposal and/or Recycling**

- A. The Contractor shall provide Certificates of Disposal and/or Recycling along with copies of all manifests to the Owner/Owner’s Representative at the completion of the project.

### **3.05 Spill Response**

- A. Spill means both intentional and unintentional spills, leaks, releases, and other uncontrolled discharges that result in any quantity of PCBs or mercury being released from their intended containers, as well as the contamination resulting from those releases.

- B. Any spill and/or release shall be reported to the Owner/Owner's Representative immediately.
- C. All spills / releases shall be cleaned-up immediately. All clean-up materials (rags, pads, absorbent, booms, etc.) shall be disposed of according to applicable regulations.
- D. A record of the spill and clean-up activities shall be prepared and submitted to the Owner/Owner's Representative.
- E. At the Owner/Owner's Representative discretion the Contractor may be required to collect and submit for analysis confirmatory samples documenting decontamination. All costs associated with sample collection, submission, and analysis will be the responsibility of the Contractor.
- F. The Contractor will be fully liable for all costs associated with the clean-up of hazardous materials released as a result of Contractor actions. This includes but is not limited to the costs associated with the clean-up, disposal, and/or testing associated with the release of the hazardous material or items contaminated by the released materials.
- G. The Owner will not be held liable for any down time incurred by the Contractor as a result of a hazardous material release caused by the Contractor.

### **3.06 Housekeeping**

- A. Throughout the work period, the Contractor shall maintain the building(s) and site in a standard of cleanliness as specified throughout these sections.
- B. Contaminated disposable clothing, personal protective equipment and other debris or wastes shall be bagged and properly labeled and sealed ant the end of each work day.
- C. All waste generated during removal activates will be properly containerized, labeled, and sealed at the end of each work day.
- D. Unless otherwise noted or directed, materials resulting from removal operations shall be the property of the Contractor, shall not be used in the work and shall be promptly removed from the site in accordance with all regulations.

### **3.07 Inspections**

- A. All work shall meet with the acceptance of the Owner / Owner's Representative. Work which does not meet with the Owner's / Owner's Representative's acceptance shall be determined to be unsatisfactory.
- B. All unsatisfactory work, whether the result of poor workmanship, use of defective materials, damage through carelessness, or any other cause found to exist prior to final acceptance of the work, shall be corrected immediately in a manner acceptable to the Owner/Owner's Representative, at no cost to the Owner.

**End of Attachment J.1.9**

## Attachment J.1.10

### HANDLING OF REFRIGERANTS AND FIRE SUPPRESSION SYSTEMS

#### PART 1 – GENERAL

##### 1.01 Stipulations

- A. The procedures specified herein are guidelines for minimum performance. The Contractor is responsible for his own methods of operations and conformance to Federal, State, and local laws, regulations, standards, codes, and practices. The Contractor is required to obtain all applicable permits, licenses, authorizations and/or certificates, as required by applicable Federal, state and local laws and regulations prior to the start of operations for which they are required

##### 1.02 Scope of Work

- A. The Contractor is responsible for removing all refrigerants from the project site prior to demolition. The Contractor may assume that the following equipment is located at the project site which may contain refrigerants:
- 1) One (1) walk in freezer / refrigerator (4010 Minnesota Ave.)
  - 2) One (1) small freezer (4010 Minnesota Ave.)
  - 3) Four (4) refrigerators (4016 Minnesota Ave.)
- B. The Contractor is responsible for removing all fire suppression equipment from the project site prior to demolition. The Contractor may assume that fire suppression systems are located at the following addresses:
- 1) 4012 Minnesota Ave.
  - 2) 4016 Minnesota Ave.

##### 1.03 Laws and Regulations

- A. The following is a list of applicable laws, regulations, codes, and standards related to work described in this section. The exclusion of a law, regulation, code, or standard from this list in no way alleviates the Contractors responsibility to adhere to a law, regulation, code, or standard if it is applicable. The publications listed below form a part of this specification to the extent referenced.
- 1) Code of Federal Regulations (CFR)–Title 40 (Protection of the Environment)
    - a. 40 CFR 82 – Protection of Stratospheric Ozone
  - 2) Code of Federal Regulations (CFR)–Title 29 (Occupational Safety and Health Standards)
    - a. 29 CFR 1910.120 – Hazardous Waste Operations and Emer. Response
    - b. 29 CFR 1910.1200 – Hazard Communication

- c. 29 CFR 1910.1201 – Retention of DOT Markings, Placards and Labels
- d. 29 CFR 1926.65 – Hazardous Waste Operations and Emer. Response

## **PART 2 – PRODUCTS**

NONE

## **PART 3 – EXECUTION**

### **3.01 Work Procedure**

- A. Furnish labor, materials, services, and equipment necessary for the removal and disposal of refrigerants and/or appliances and other items that may contain refrigerants in accordance with 40 CFR, Part 82. Appliances and other items that may contain refrigerants include, but are not limited to, refrigerators, freezers, dehumidifiers and portable or central air conditioners.
- B. Furnish labor, materials, services, and equipment necessary for the removal and disposal of fire suppression systems located within the on-site buildings.

### **3.02 Removal**

- A. The contractor shall remove all equipment known or suspected to contain refrigerants from the on-site buildings prior to demolition.
- B. Refrigerant and/or refrigerant containing equipment shall be removed from the on-site building in such a way so that the refrigerant within the equipment is not released into the atmosphere.
- C. For larger items (i.e. walk in freezer / refrigerator) that contain refrigerants, all refrigerant must be removed from the unit prior to demolition.
- D. The contractor shall remove all fire suppression equipment from the on-site buildings prior to demolition. Fire suppression systems shall be removed from the on-site buildings in such a way so that the contents of the equipment are not released.

### **3.03 Storage & Disposal**

- A. Refrigerant containing equipment shall be either:
  - 1) Disposed of at a landfill / salvage yard / recycler that accept refrigerant containing equipment; or
  - 2) The Contractor must have the refrigerant removed from the equipment prior to equipment disposal at a landfill. Removal of refrigerant prior to disposal of the refrigerant containing equipment must be performed in accordance with 40 CFR 82.
- B. Cylinders/vessels containing the dry chemical component of the fire suppression systems shall be returned to the supplier / manufacturer.

- C. Piping associated with the fire suppression system shall be removed and disposed of / recycled along with similar demolition debris.

### **3.04 Certificate of Disposal and/or Recycling**

- A. The Contractor shall provide Certificates of Disposal and/or Recycling along with copies of all manifests to the Owner/Owner's Representative at the completion of the project.

### **3.05 Spill Response**

- A. Spill means both intentional and unintentional spills, leaks, releases, and other uncontrolled discharges that result in any quantity of regulated substance being released from their intended containers, as well as the contamination resulting from those releases.
- B. Any spill and/or release shall be reported to the Owner/Owner's Representative immediately.
- C. All spills / releases shall be cleaned-up immediately. All clean-up materials (rags, pads, absorbent, booms, etc.) shall be disposed of according to applicable regulations.
- D. A record of the spill and clean-up activities shall be prepared and submitted to the Owner/Owner's Representative.
- E. At the Owner/Owner's Representative discretion the Contractor may be required to collect and submit for analysis confirmatory samples documenting decontamination. All costs associated with sample collection, submission, and analysis will be the responsibility of the Contractor.
- F. The Contractor will be fully liable for all costs associated with the clean-up of hazardous materials released as a result of Contractor actions. This includes but is not limited to the costs associated with the clean-up, disposal, and/or testing associated with the release of the hazardous material or items contaminated by the released materials.
- G. The Owner will not be held liable for any down time incurred by the Contractor as a result of a hazardous material release caused by the Contractor.

### **3.06 Housekeeping**

- A. Throughout the work period, the Contractor shall maintain the building(s) and site in a standard of cleanliness as specified throughout these sections.
- B. All waste generated during removal activities will be properly containerized, labeled, and sealed at the end of each work day.
- C. Unless otherwise noted or directed, materials resulting from removal operations shall be the property of the Contractor, shall not be used in the work and shall be promptly removed from the site in accordance with all regulations.

### **3.07 Inspections**

- A. All work shall meet with the acceptance of the Owner / Owner's Representative. Work which does not meet with the Owner's / Owner's Representative's acceptance shall be determined to be unsatisfactory.
- B. All unsatisfactory work, whether the result of poor workmanship, use of defective materials, damage through carelessness, or any other cause found to exist prior to final acceptance of the work, shall be corrected immediately in a manner acceptable to the Owner/Owner's Representative, at no cost to the Owner.

**End of Attachment J.1.10**

## **Attachment J.1.11**

### **HANDLING OF ABOVEGROUND STORAGE TANKS (AST)**

#### **PART 1 – GENERAL**

##### **1.01 Stipulations**

- A. The procedures specified herein are guidelines for minimum performance. The Contractor is responsible for his own methods of operations and conformance to Federal, State, and local laws, regulations, standards, codes, and practices. The Contractor is required to obtain all applicable permits, licenses, authorizations and/or certificates, as required by applicable Federal, state and local laws and regulations prior to the start of operations for which they are required

##### **1.02 Scope of Work**

- A. The Contractor is responsible for removing all aboveground storage tanks (ASTs) from the project site prior to demolition. The Contractor may assume that one (1) 275-gallon AST is located at each of the following addresses:
  - 1) 4030 Minnesota Ave.
  - 2) 4046 Minnesota Ave.
- B. The Contractor shall assume that the ASTs were historically used to store petroleum products.
- C. The Contractor shall assume that the ASTs contain small amounts of residual fuel, sludge, and/or petroleum impacted water.

##### **1.03 Laws and Regulations**

- A. The following is a list of applicable laws, regulations, codes, and standards related to work described in this section. The exclusion of a law, regulation, code, or standard from this list in no way alleviates the Contractors responsibility to adhere to a law, regulation, code, or standard if it is applicable. The publications listed below form a part of this specification to the extent referenced.
  - 1) International Fire Code
    - a. Chapter 14 – Fire Safety During Construction and Demolition
    - b. Chapter 34 – Flammable and Combustible Liquids
    - c. Chapter 105 – Permits
  - 2) National Fire Protection Association
    - a. NFPA 30 – Flammable and Combustible Liquids Code
    - b. NFPA 31 – Standard for Installation of Oil Burning Equipment

- 3) Code of Federal Regulations (CFR)–Title 29 (Occupational Safety and Health Standards)
  - a. 29 CFR 1910.106 – Flammable and Combustible Liquids
  - b. 29 CFR 1910.120 – Hazardous Waste Operations and Emer. Response
  - c. 29 CFR 1910.146 – Permit Required Confined Spaces
  - d. 29 CFR 1910.1200 – Hazard Communication
  - e. 29 CFR 1926..151 – Fire Prevention
  - f. 29 CFR 1926.152 – Flammable and Combustible Liquids

## **PART 2 – PRODUCTS**

NONE

## **PART 3 – EXECUTION**

### **3.01 Work Procedure**

- A. Furnish labor, materials, services, and equipment necessary for the removal and disposal of aboveground storage tanks; including residual fuel, sludge, petroleum contaminated water, etc, within the ASTs, in accordance with applicable regulations.

### **3.02 Permits and Notification**

- A. The Contractor is required to provide the proper notification to the DC Fire Marshall and obtain the proper permit as mandated in International Fire Code (IFC) Section 105.

### **3.03 Removal**

- A. The Contractor shall remove all flammable and/or combustible liquids, sludge and/or petroleum-impacted water from the tank and associated piping prior to dismantling the system.
- B. During the transfer of any flammable/combustible liquids follow electrical grounding requirements set forth by the National Fire Prevention Association (NFPA) to prevent a fire or explosion due to static electricity.
- C. The Contractor shall pump the tank and system of all explosive vapors before removal and disposal in accordance with applicable codes, regulations, and industry standards.
- D. The Contractor shall remove the tanks and all associated piping from the project site and dispose of them according to applicable regulations.

### **3.04 Disposal**

- A. All liquids and sludge's removed from the tank and piping shall be disposed of by the Contractor in accordance with applicable Federal, State, and Local codes and regulations.

- B. The tanks and associated piping shall be disposed of by the Contractor at an acceptable disposal and/or recycling facility.

### **3.05 Certificate of Disposal and/or Recycling**

- A. The Contractor shall provide Certificates of Disposal and/or Recycling along with copies of all manifests to the Owner/Owner's Representative at the completion of the project.

### **3.06 Spill Response**

- A. Spill means both intentional and unintentional spills, leaks, releases, and other uncontrolled discharges that result in any quantity of petroleum or petroleum-impacted material being released from their intended containers, as well as the contamination resulting from those releases.
- B. Any spill and/or release shall be reported to the Owner/Owner's Representative immediately.
- C. All spills / releases shall be cleaned-up immediately. All clean-up materials (rags, pads, absorbent, booms, etc.) shall be disposed of according to applicable regulations.
- D. A record of the spill and clean-up activities shall be prepared and submitted to the Owner/Owner's Representative.
- E. At the Owner/Owner's Representative discretion the Contractor may be required to collect and submit for analysis confirmatory samples documenting decontamination. All costs associated with sample collection, submission, and analysis will be the responsibility of the Contractor.
- F. The Contractor will be fully liable for all costs associated with the clean-up of hazardous materials released as a result of Contractor actions. This includes but is not limited to the costs associated with the clean-up, disposal, and/or testing associated with the release of the hazardous material or items contaminated by the released materials.
- G. The Owner will not be held liable for any down time incurred by the Contractor as a result of a hazardous material release caused by the Contractor.

### **3.07 Housekeeping**

- A. Throughout the work period, the Contractor shall maintain the building(s) and site in a standard of cleanliness as specified throughout these sections.
- B. Contaminated disposable clothing, personal protective equipment and other debris or wastes shall be bagged and properly labeled and sealed at the end of each work day.
- C. All waste generated during removal activities will be properly containerized, labeled, and sealed at the end of each work day.

- D. Unless otherwise noted or directed, materials resulting from removal operations shall be the property of the Contractor, shall not be used in the work and shall be promptly removed from the site in accordance with all regulations.

**3.08 Inspections**

- A. All work shall meet with the acceptance of the Owner / Owner's Representative. Work which does not meet with the Owner's / Owner's Representative's acceptance shall be determined to be unsatisfactory.
- B. All unsatisfactory work, whether the result of poor workmanship, use of defective materials, damage through carelessness, or any other cause found to exist prior to final acceptance of the work, shall be corrected immediately in a manner acceptable to the Owner/Owner's Representative, at no cost to the Owner.

**End of Attachment J.1.11**

## **Attachment J.1.12**

### **HANDLING OF SMALL QUANTITIES OF REGULATED SUBSTANCES**

#### **PART 1 – GENERAL**

##### **1.01 Stipulations**

- A. The procedures specified herein are guidelines for minimum performance. The Contractor is responsible for his own methods of operations and conformance to Federal, State, and local laws, regulations, standards, codes, and practices. The Contractor is required to obtain all applicable permits, licenses, authorizations and/or certificates, as required by applicable Federal, state and local laws and regulations prior to the start of operations for which they are required

##### **1.02 Scope of Work**

- A. Numerous containers (<6-gallons in capacity) of regulated substances (i.e. oil, paint, varnish, antifreeze, etc.) were observed across the project site, both inside and outside the structures.
- B. The Contractor is responsible for identifying, segregating, removing, and disposing of all regulated substances from the project site prior to building demolition.
- C. The Contractor may assume that regulated substances include but are not limited to oil, grease, paint, varnish, stripper, thinner, antifreeze, windshield washer fluid, lighter fluid, pesticides, herbicides, and items / environmental media contaminated by one or more of these items.
- D. The Contractor shall assume that no individual container will have a quantity greater than six (6) gallons.

##### **1.03 Laws and Regulations**

- A. The following is a list of applicable laws, regulations, codes, and standards related to work described in this section. The exclusion of a law, regulation, code, or standard from this list in no way alleviates the Contractors responsibility to adhere to a law, regulation, code, or standard if it is applicable. The publications listed below form a part of this specification to the extent referenced.

- 1) DC Municipal Regulations (DCMR) – Title 20 (Environment)

- a. Chapter 40 - General Standards for the Management of Hazardous Waste
- b. Chapter 41 - Identification and Listing of Hazardous Waste
- c. Chapter 42 - Standards Applicable to Generators of Hazardous Waste
- d. Chapter 43 - Standards Applicable to Transporters of Hazardous Waste
- e. Chapter 46 - The Hazardous Waste Permit Program
- f. Chapter 47 - Procedures for Decision Making

- 2) Code of Federal Regulations (CFR)–Title 40 (Protection of the Environment)
  - a. 40 CFR 260 – Hazardous Waste Management - General
  - b. 40 CFR 261 – Identification and Listing of Hazardous Waste
  - c. 40 CFR 262 – Standards Applicable to Generators of Hazardous Waste
  - d. 40 CFR 263 - Standards Applicable to Transporters of Hazardous Waste
  - e. 40 CFR 268 – Land Disposal Restrictions
  - f. 40 CFR 270 – EPA Administered Permit Programs: The Hazardous Waste Permit Program
  - g. 40 CFR 302 – Designation, Reportable Quantities and Notifications
  
- 3) International Fire Code
  - a. Chapter 14 – Fire Safety During Construction and Demolition
  - b. Chapter 34 – Flammable and Combustible Liquids
  
- 4) Code of Federal Regulations (CFR)–Title 49 (Transportation)
  - a. 49 CFR 107 – Hazardous Materials Program Procedure
  - b. 49 CFR 171 – General Information, Regulations, and Definitions,
  - c. 49 CFR 172 – Hazardous Materials Table, Special Provisions, Hazardous Materials Communications, Emergency Response Information, and Training Requirements
  - d. 49 CFR 173 – Shippers--General Information of Shippers and Packaging
  - e. 49 CFR 177 – Carriage by Public Highway
  - f. 49 CFR 178 – Specifications for Packaging
  - g. 49 CFR 397 – Transportation of Hazardous Materials
  
- 5) Code of Federal Regulations (CFR)–Title 29 (Occupational Safety and Health Standards)
  - a. 29 CFR 1910.106 – Flammable and Combustible Liquids
  - b. 29 CFR 1910.120 – Hazardous Waste Operations and Emer. Response
  - c. 29 CFR 1910.146 – Permit Required Confined Spaces
  - d. 29 CFR 1910.1200 – Hazard Communication
  - e. 29 CFR 1910.1201 – Retention of DOT Markings, Placards and Labels
  - f. 29 CFR 1926..65 – Hazardous Waste Operations and Emer. Response
  - g. 29 CFR 1926..151 – Fire Prevention
  - h. 29 CFR 1926.152 – Flammable and Combustible Liquids

## **PART 2 – PRODUCTS**

NONE

## **PART 3 – EXECUTION**

### **3.01 Work Procedure**

- A. Furnish labor, materials, services, and equipment necessary for the identification, segregation, removal, and disposal of containers (<6-gallons in capacity) of

regulated substances (i.e. oil, paint, varnish, antifreeze, etc.) in accordance with applicable federal, state, and local regulations.

### **3.02 Removal**

- A. The contractor shall remove all small containers of regulated substances from the project site.
- B. Removal of containers shall be performed in a manner that will reduce the likelihood of spills or releases of the regulated substances.
- C. The contents of the containers shall be identified, and a hazard categorization of on-site materials shall be performed. Once identified, wastes shall be segregated into compatible waste streams, packaged for shipment in appropriate DOT containers, staged on-site, and then removed from the property for proper disposal.
- D. The Contractor shall remove all items and/or environmental media (soil, surface water, etc.) found to be impacted by regulated substances. All contaminated media shall be disposed of according to applicable regulations. Quantities impacted materials/environmental media associated with this task may be assumed to be minimal.

### **3.03 Disposal**

- A. Regulated substances shall be disposed of in accordance with applicable sections of 40 CFR 260-270 and other applicable codes and regulations.

### **3.04 Certificate of Disposal and/or Recycling**

- A. The Contractor shall provide Certificates of Disposal and/or Recycling along with copies of all manifests to the Owner/Owner's Representative at the completion of the project.

### **3.05 Spill Response**

- A. Spill means both intentional and unintentional spills, leaks, releases, and other uncontrolled discharges that result in any quantity of regulated substance being released from their intended containers, as well as the contamination resulting from those releases.
- B. Any spill and/or release shall be reported to the Owner/Owner's Representative immediately.
- C. All spills / releases shall be cleaned-up immediately. All clean-up materials (rags, pads, absorbent, booms, etc.) shall be disposed of according to applicable regulations.
- D. A record of the spill and clean-up activities shall be prepared and submitted to the Owner/Owner's Representative.

- E. At the Owner/Owner's Representative discretion the Contractor may be required to collect and submit for analysis confirmatory samples documenting decontamination. All costs associated with sample collection, submission, and analysis will be the responsibility of the Contractor.
- F. The Contractor will be fully liable for all costs associated with the clean-up of hazardous materials / regulated substances released as a result of Contractor actions. This includes but is not limited to the costs associated with the clean-up, disposal, and/or testing associated with the release of the hazardous material or items contaminated by the released materials.
- G. The Owner will not be held liable for any down time incurred by the Contractor as a result of a hazardous material release caused by the Contractor.

### **3.06 Housekeeping**

- A. Throughout the work period, the Contractor shall maintain the building(s) and site in a standard of cleanliness as specified throughout these sections.
- B. Contaminated disposable clothing, personal protective equipment and other debris or wastes shall be bagged and properly labeled and sealed at the end of each work day.
- C. All waste generated during removal activities will be properly containerized, labeled, and sealed at the end of each work day.
- D. Unless otherwise noted or directed, materials resulting from removal operations shall be the property of the Contractor, shall not be used in the work and shall be promptly removed from the site in accordance with all regulations.

### **3.07 Inspections**

- A. All work shall meet with the acceptance of the Owner / Owner's Representative. Work which does not meet with the Owner's / Owner's Representative's acceptance shall be determined to be unsatisfactory.
- B. All unsatisfactory work, whether the result of poor workmanship, use of defective materials, damage through carelessness, or any other cause found to exist prior to final acceptance of the work, shall be corrected immediately in a manner acceptable to the Owner/Owner's Representative, at no cost to the Owner.

**End of Attachment J.1.12**