



## City of Auburn, Maine

Business & Community Development

Glen Holmes, Director

60 Court Street | Auburn, Maine 04210

[www.auburnmaine.gov](http://www.auburnmaine.gov) | 207.333.6601

January 27, 2023

Dear Bidder:

The City of Auburn is accepting written proposals for a rehabilitation project concerning the property at **277 Main St.** The City reserves the right to accept or reject any or all proposals in whole or in part and to waive any informality the City may determine necessary. The City also reserves to itself the exclusive right to accept any proposal when it is deemed by the City to be in its best interest. The City of Auburn is governed by Title 1 M.R.S.A. § 401-410, otherwise known as the Freedom of Information Act, which considers bid specifications as public documents. In awarding any proposal, the City may consider, but not be limited to, any of the following factors: Bidder qualifications, price, experience, financial standing with the City, warranties, references, bonding, delivery date, and service of Bidder. Vendors/Contractors shall be current on all amounts due to the City of Auburn prior to the City entering into any contract agreement. All proposals must include FOB to Auburn, Maine unless otherwise specified. Proposals will not receive consideration unless submitted in accordance with the following instructions to bidders. Please mark **sealed** envelopes plainly: "**Lead Abatement Bid 2023-017**".

Please submit your proposal to the City of Auburn by **2:00 P.M. on Tuesday February 14, 2023**. Proposals must be delivered to Derek Boulanger, Facilities Manager/Purchasing Agent, 60 Court Street, Auburn, Maine 04210 on or before the date and time appointed. No proposals will be accepted after the time and date listed above. Proposals will be opened at 2:00 p.m. on that date in Room 206 (Community Room), Auburn City Hall.

There will be a **mandatory** pre-bid conference at the project site at 2:00 pm on **Tuesday, February 7, 2023**. This project's specifications begin on page 4 (see attached prints/specifications of this bid invitation). Please review the specifications and be prepared to ask questions.

Questions regarding this Request for Bids should be directed to Derek Boulanger, Facilities Manager/ Purchasing Agent, at [dboulanger@auburnmaine.gov](mailto:dboulanger@auburnmaine.gov) .

Sincerely,

Derek Boulanger  
Facilities Manager/ Purchasing Agent

## **PROJECT DESCRIPTION**

Abatement

## **CONDITIONS AND INSTRUCTIONS TO BIDDERS**

1. Submission of your bid must be in a **sealed** envelope marked **Lead Abatement Bid 2023-017**
2. Bid proposals must be completed in full, in ink and must be signed by firm official. Bid proposal **must be notarized** prior to bid being sealed and will be disqualified if not notarized. Bids may be withdrawn prior to the time set for the official opening.
3. Bids may be withdrawn prior to the time set for the official opening.
4. Bids will be opened publicly. Bidders or representatives may be present at the bid opening.
5. The City of Auburn reserves the right to eliminate any task(s) from the scope of work/bid prior to any contractual agreements as the City deems best for the interest of the owner or any budgeting constraints.
6. The City of Auburn reserves the right to waive any formality and technicality in bids, whichever is deemed best for the interest of the owner. Generally, awards will be made to the lowest responsible bidder. The owner, however, reserves the right to accept or reject any or all bids in whole or in part. In awarding a bid, the owner may consider but is not limited to the following factors: price and completion date.
7. Contractors **must** be current on all amounts due to the City of Auburn.
8. The contractor must be current with licenses and certifications and must have valid certificates of all required insurance prior to the City entering into any contractual agreement. Copies of required insurance and licenses relevant to the scope of work shall be included in the bid response package. Failure to include these documents may disqualify the proposal as incomplete.
9. Contractors are responsible for obtaining any required permits and must include the cost in their bid.
10. No contract may be assigned to a subcontractor without the written consent of the owner and City Staff. Neither party shall assign or transfer its interest in the contract without the written consent of the other party.

11. The selected contractor will be required to sign a construction contract. If you have not already reviewed the City of Auburn's contract, please ask to see it prior to submitting a bid.

12. Construction must begin within 90 days of the bid award. Failure to begin construction within this time frame will void the contract, and the project will be rebid.

### **General Conditions**

#### 1. Equal Employment Opportunity

The City of Auburn is an Equal Opportunity Employer and shall not discriminate against an applicant for employment, and employee or a citizen because of race, color, sex, marital status, physical and/or mental handicap, religion, age, ancestry, or natural origin, unless based upon a bona-fide occupation qualification. Vendors and contractor or their agents doing business with the City shall not violate the above clause or the Civil Rights Acts of 1964. Violations by vendors shall be reviewed on a case-by-case basis and may mean an automatic breach of contract or service to the City of Auburn.

#### 2. Save Harmless

The Bidder agrees to protect and save harmless the owner from all costs, expenses or damages that may arise out of alleged infringement of patents of materials used.

#### 3. Subcontracting

The Bidder shall not subcontract any part of the work or materials or assign any monies due it without first obtaining the written consent of the municipality. Neither party shall assign or transfer its interest in the contract without the written consent of the other party.

#### 4. Warranty

The Bidder warrants that all work will be of good quality and free from faults and defects, and in conformance with the specifications. All work not so conforming to these standards may be considered defective. The Bidder agrees to be responsible for the acts and omissions of all of its employees and all subcontractors, their agents and employees, and all other persons performing any of the work under a contract with the Bidder.

**BID PROPOSAL FORM**

Due: Thursday, January 27, 2023

To: City of Auburn  
Derek Boulanger, Facilities Manager/Purchasing Agent  
60 Court Street  
Auburn, ME 04210

The undersigned individual/firm/business guarantees this price for Thirty days (30) from the bid due date. The undersigned submits this proposal without collusion with any other person, individual, or firm or agency. The undersigned ensures the authority to act on behalf of the corporation, partnership, or individual they represent; and has read and agreed to all of the terms, requests, or conditions written herein by the City of Auburn, Maine. By signing this bid form, the firm listed below hereby affirms that its bid meets the minimum specifications and standards as listed above.

Signature \_\_\_\_\_ Name (print)\_\_\_\_\_

Title\_\_\_\_\_ Company\_\_\_\_\_

Address\_\_\_\_\_

Telephone No. \_\_\_\_\_ Fax No. \_\_\_\_\_

Email Address: \_\_\_\_\_

STATE OF MAINE  
\_\_\_\_\_, SS. Date: \_\_\_\_\_

Personally appeared and acknowledged the foregoing instrument to be his/her free act and deed in his/her capacity and the free act and deed of said company.

Notary Public\_\_\_\_\_

Print Name\_\_\_\_\_ Commission Expires\_\_\_\_\_

## Lead Design Specifications



**Location:**

277 Main Street  
Auburn, Maine 04210

**Owner Information:**

Name: City of Auburn  
Address: 60 Court Street  
Auburn, ME 04210

**Design date:**

04-22-2021

**Prepared by:**

Stephanie L Martin, LD-0345 Expires 01/04/2023  
Clarity Property Services, LLC  
Email: leadinspections@outlook.com

**Contractor Information:**

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Phone Number: \_\_\_\_\_

After careful review of the following, the applicant(s) and contractor affirm his/her understanding and acceptance of the work described herein. Only the work described herein will be performed. ANY and ALL changes to these design specifications must be by written change order and agreed to by all parties following program requirements. **All recommendations are valid for one (1) year and can only be amended or changed by performing a new risk assessment.**

X \_\_\_\_\_  
**Contractor** **Date**

X \_\_\_\_\_  
**Owner** **Date**

X \_\_\_\_\_  
**Owner** **Date**

**CONTRACT PRICE:** \_\_\_\_\_

## REHABILITATION STANDARDS AND SPECIFICATIONS

### SECTION 1 –

#### GENERAL REQUIREMENT FOR ALL PROJECT SPECIFICATIONS

1. All work performed shall conform to the General Standards herein, Maine DEP Lead Management Regulations (Chapter 424), HUD requirements for Notification, Evaluation, and “Reduction of Lead-Based Paint Hazards in Federally Owned Residential Property and Housing receiving Federal assistance” (24 CFR Part 35), EPA Renovation, Repair and Painting Rule, manufactures recommendations, and all applicable Local and State building codes, laws and regulations. ***If no local building code exists, the MUBEC will apply.***
2. Scrape inspections are required for the removal of paint from components (abatement or interim control). Scrape inspections are required for both interior and exterior work prior to the priming and or painting process. If a scrape inspection has not been performed, the Contractor will be required to remove any paint to ensure compliance with this section.
3. Any and all Maine DEP project variances must be approved in writing by the Lead Designer and The Auburn Lead Program prior to implementation. ***NOTE: Monetary change orders may be required by The City of Auburn.***
4. All measurements are approximate and must be verified by the Contractor. No claim for additional funds due to discrepancies in measurements or quantities shall be honored.
5. All Materials having color or pattern shall be selected by the owner from a standard color/style chart. All colors, styles, and types of materials will be listed in the job specifications prior to contract signing.
6. All installed windows and exterior doors will be Energy Star rated for the Northeast. All windows will have a U-Value of .27 or less. Windows will have full screens. Egress casement windows will have a factory-installed horizontal mullion to give the appearance of a double-hung window. ***NOTE: Single-hung windows will require half screens.***
7. All exterior doors installed will be keyed alike (per unit) and include adjustable thresholds and half glass unless otherwise noted in design specifications. Exterior doors will meet Energy Star requirements for the Northeast.
8. Building permits, electrical permits, plumbing permits, and other permits required by local or State authorities shall be obtained by the contractor, and the costs shall be incorporated into the proposal amount submitted by the contractor. The contractor must obtain permits prior to the commencement of work and must provide copies of permits to the Owner and **The City of Auburn** for documentation. Failure to obtain required permits will result in nonpayment of work until the necessary permits are obtained.
9. Workmanship and materials not covered by a manufacturer’s warranty shall be warranted by the Contractors for a period of at least one year from the date of final payment to the contractor. The Contractor shall deliver all manufacturer warranties to the homeowner along with the final billing. Manufacturer’s installation instructions, as required by the 2009 ICC Code, shall be available on the job site at the time of inspection.

10. Product information/labeling showing compliance, where required, with Energy Star Ratings shall be provided to the homeowner and **The City of Auburn** prior to installation.
11. All Interim Control work must be performed in accordance with both EPA RRP and HUD Lead-Based Paint regulations, as described in 24 CFR Part 35 et al., with the exception that certain contractors such as electrical, plumbing, roofing, weatherization, and heating specialists may be exempt from using HUD lead-safe practices, so long as they do not disturb any more than two square feet of painted surfaces per room or a total of 20 square feet of painted surfaces on the exterior. Contractors performing work in accordance with HUD Lead-Based Paint regulations as described in 24 CFR Part 35 et al. must have attended an EPA RRP course taught by a Maine DEP-certified training provider. Lead-safe practices must be employed in all work that disturbs painted surfaces. After completion of all work, the contractor must clean the work area(s) to meet Maine DEP Chapter 424 Lead Dust/Soil clearance standards as follows:

Hard floors and Carpeted floors = 10 micrograms (ug) per square foot (ft<sup>2</sup>)

Interior Window Sills = 100 micrograms (ug) per square foot (ft<sup>2</sup>)

Window Troughs = 100 micrograms (ug) per square foot (ft<sup>2</sup>)

Exterior Porch = 40 micrograms (ug) per square foot (ft<sup>2</sup>)

Other nonporous surfaces = 10 micrograms (ug) per square foot (ft<sup>2</sup>)

Five (5) foot radius outside of contained area(s) = 10 micrograms (ug) per square foot (ft<sup>2</sup>)

Non-play Area Soil = 900 parts per million (ppm)

Play Area Soil = 100 parts per million (ppm)

If dust wipe and/or soil samples do not pass the above standards, the contractor must return to the job site, at their own expense, and clean until these standards are met. Final payment will be withheld until clearance standards are achieved. Costs incurred for an additional site visit and dust swipe sampling costs will be taken from monies due to the contractor. In homes where there are children under six years of age, the Owners must, at their own expense, temporarily relocate these children from work areas where paint will be disturbed until the work has been completed and the dust wipe clearance standards shown above have been achieved.

12. The contractor must inspect the property and attend a pre-bid walkthrough. Submission of a bid is presumptive evidence that the bidder has thoroughly examined the site during a pre-bid walkthrough and is conversant with the requirements of the local jurisdiction.
13. All materials used in conjunction with this work write-up are to be new, of first quality, and without defects – unless stated otherwise or pre-approved by the Owner and Design Consultant in writing.
14. Contractors shall not perform any work, substitute any specified materials, colors, patterns, quantities, or change specified material qualities or quantities not listed in the job

specifications without a written change order pre-approved by **The City of Auburn**, the Owner, and Lead Design Consultant.

15. All materials shall be installed in full accordance with the manufacturers' specifications and industry standards for working conditions, surface preparation, methods, testing, and protection.
16. All repaired or newly installed exterior non-pressure treated wood must be sealed, stained, or otherwise protected from the elements following industry standards.
17. Walls and attached components shall be identified with the letters A, B, C, D, etc. Wall A is always the wall closest to the address elevation or "street side" of the house. Moving clockwise, the walls are then B, C, D, etc.
18. Down payments or deposits to contractors are not authorized. No work/materials will be paid for in advance.
19. Detailed invoices submitted to the **City of Auburn** shall accompany each payment request.
20. The use of the "Booth" or "Mini-Containment" system(s) will be determined by the Lead Design Consultant. The determination shall be in writing.
21. Any and all changes in the Lead Design agreed to during the Pre-bid Walkthrough will be made in writing in the form of a bid amendment. This form will become part of the contractor's bid proposal and will be submitted with the contractor's bid.
22. **Placement of the decontamination unit shall be determined and established via writing as an addendum to the design plan specifications prior to the commencement of any lead abatement activities.**

## SECTION 2 - DEFINITIONS

- 1 Abatement. "Abatement" means any measure or set of measures designed to permanently eliminate lead hazards. For the purpose of this definition, "permanently means for at least 20 years.
- 2 Impact Surface. "Impact surface" means a surface that is subject to damage by repeated sudden force, such as certain parts of door frames.
- 3 Interim control. "Interim control means a set of non-abatement measures designed to temporarily reduce human exposure or likely exposure to lead hazards, including specialized cleaning, repairs, maintenance, painting, temporary containment, ongoing monitoring of potential lead hazards, and the establishment and operation of management and resident education programs. NOTE: When interim control measures (covering a surface with a coating or other treatment) are used, friction points or friction surfaces must be treated so that paint is not subject to abrasion. Examples of acceptable treatments include re-hanging and/or planning doors so that the door does not rub against the door frame, removing paint from the friction/impact part of a door jamb (frame), and covering bare soils.



- 4 Install. "Install" means to purchase, set up, test, and warrant a new component.
- 5 Paint. "Paint" means any substance applied to a surface as a coating, including, but not limited to, household paints, varnishes, and stains.
- 6 Repair. "Repair" means to return a building component to like-new condition through replacement, adjustment, and recoating of parts.
- 7 Replace. "Replace" means to remove and dispose of original material, purchase new material, deliver, install, test, and warrant.
- 8 Reinstall. "Reinstall" means to remove, clean, store, and install a component.
- 9 Substrate. "Substrate" means the material underneath the paint, such as brick, concrete, drywall, metal, plaster, or wood.
- 10 Work Area. "Work area" means an interior or exterior area where lead abatement or interim control activities are to take place. There may be more than one work area in a residential dwelling or childcare facility.
- 11 Window & Door Units. Window/door components are defined as follows:
  - a. Window sash (includes mullions)
  - b. Window casing (includes header and apron)
  - c. Window sill
  - d. Window jamb (includes parting bead and stops)
  - e. Window well (also called trough)
  - f. Door (includes stiles, panels, and edge)
  - g. Door jamb (includes frame and stops)
  - h. Door casing (includes header)
  - i. Door threshold

### SECTION 3 –SCOPE OF WORK

The scope of work shall consist of complete paint removal, encapsulation, enclosure, and/or whole component removal of lead-based paint hazards as identified in the lead-based paint inspection report.

#### 1. **Owner Responsibilities:**

- A. Owner shall remove all personal belongings from the house/work area.
- B. Owner shall shut off the gas to the stove, if applicable.
- C. Owner shall provide keys to the Contractor for access to the home.
- D. Owner shall pre-determine colors and flooring selections in writing. This shall be performed prior to the start date.

- E. Owner shall supply electricity, water, and heat to the abatement contractor for the duration of the project.
- F. Owner shall remove and keep clear all debris from the exterior at least 10 feet from the building perimeter if exterior work is performed.

**2. Contractor Responsibilities:**

- A. Contractor shall confirm that all furniture and personal belongings are removed from the house/work area prior to the start of the project.
- B. Contractor shall coordinate access to the home for any visual inspections and clearance sample testing to be performed.
- C. Contractor shall be responsible for completing all work specified in the Design Plan, including any and all revisions made to the design for the purpose of the project within the contract dates specified. **This specifically includes the placement of the decontamination unit.**
- D. Contractor shall perform an ASTM-approved tape method before applying any encapsulating paint to a building component to ensure proper adhesion to the substrate.
- E. Contractor shall store debris in a secure area until final disposal, which the contractor shall dispose of in accordance with the Maine Department of Environmental Protection's Lead Management Regulations.
- F. Contractor shall be financially responsible for all associated sampling costs such as administrator labor, travel, postage, and laboratory analysis of the dust samples if interim or final clearance samples fail.
- G. Contractor shall repair or replace any building components damaged during the project to match existing building components.
- H. All product warranty information must be given to the **City of Auburn** and the homeowner prior to the final payment of the project. Product labels (stickers) showing Energy Star Compliance will remain in place until inspected and approved by Lead Design Consultant.
- I. A written notification plan will be developed by the Contractor and provided to the owner/tenant, the Administrator, and the **City of Auburn**.
- J. Contractor shall provide a final abatement report to the **City of Auburn**, Administrator, and the homeowner within 30 days after project completion in accordance with Maine DEP Chapter 424, Section 6.M.
- K. The use of a "Booth" or "Mini-Containment" system will be determined by the Lead Design Consultant and shall be in writing.

## SECTION 4 – NOTIFICATIONS

### 1. **Notification:**

The abatement contractor shall notify the Maine Department of Environmental Protection, the Administrator, and the **City of Auburn** at least five (5) working days prior to the start of any lead abatement activity, including set-up or on-site preparation activities. Delivery of notice by U.S. Postal Service, commercial delivery service, hand delivery, facsimile, or email are acceptable methods. The **City of Auburn** also requires notification of Interim Control/LSR work performed on-site.

**NOTE:** *A weekly updated schedule for each lead abatement project by dwelling unit, if applicable, shall be faxed/emailed each Monday morning to **ALL** above-listed parties until the project is complete. In the event of a change in scheduled work day/hours after the weekly notification, the contractor must notify the Maine DEP, Administrator, and **The City of Auburn** by email or phone no later than 8 A.M on the day of the scheduled change.*

### 2. **Tenant Notification:**

The abatement contractor shall notify the tenants of the pending abatement activity. This notification (Occupant Protection Plan) shall include the scheduled dates for abatement, work hours, identification of work areas, and information on any alternative entrance or exit to be used during the course of the abatement activities. This notification shall be in writing and delivered at least five (5) days prior to the start of the project.

## **Additional Information and Clarifications**

1. Will the building at 277 Main Street convert to residential?

*No. Currently, the land is classified as City Ops W/Auditorium Style building. The use and classification will remain the same.*

2. Do 424 rules apply? (Question pertains to Abatement or RRP work)

*All work performed shall conform to the General Standards herein, MDEP Lead Management Regulations (Chapter 424), HUD requirements for Notification, Evaluation, and "Lead-Bases Paint Poisoning Prevention in Certain Residential Structures" (24 CFR Part 35), EPA Renovation, Repair and Painting Rule, manufactures recommendations, and all applicable Local and State building codes, laws, and regulations. **If no local building code exists, the MUBEC will apply.***

*\*See Appendix A to find procedures for recommended abatement methods.*

3. Is the building recognized as a historical place in the National register?

*No. Neither the building nor the park located at 277 Main Street are found on the list of historically recognized places. It has been determined that the proposed project will not adversely affect any historically recognized places.*

4. How should cracked or broken glass be treated?

*Any remaining broken/missing or otherwise compromised glass from window surfaces known to have lead hazards should be repaired/replaced where necessary.*

5. What if broken glass is found in new vinyl replacement windows?

*The windows that have already been replaced will be maintained by the CLT facility management group and should not be included in the current Abatement project.*

6. Should the B-side basement exit/entry be considered for abatement?

*As discussed at the first property walk-through of 277 Main Street., Item B-37 (basement exit/entry Door) may be encapsulated according to proper lead abatement procedures along with the case/frame). Door/Vent B-32 was found to be intact and secure for current purposes and should be maintained as such with Lead abatement procedures (SPP Encapsulate).*

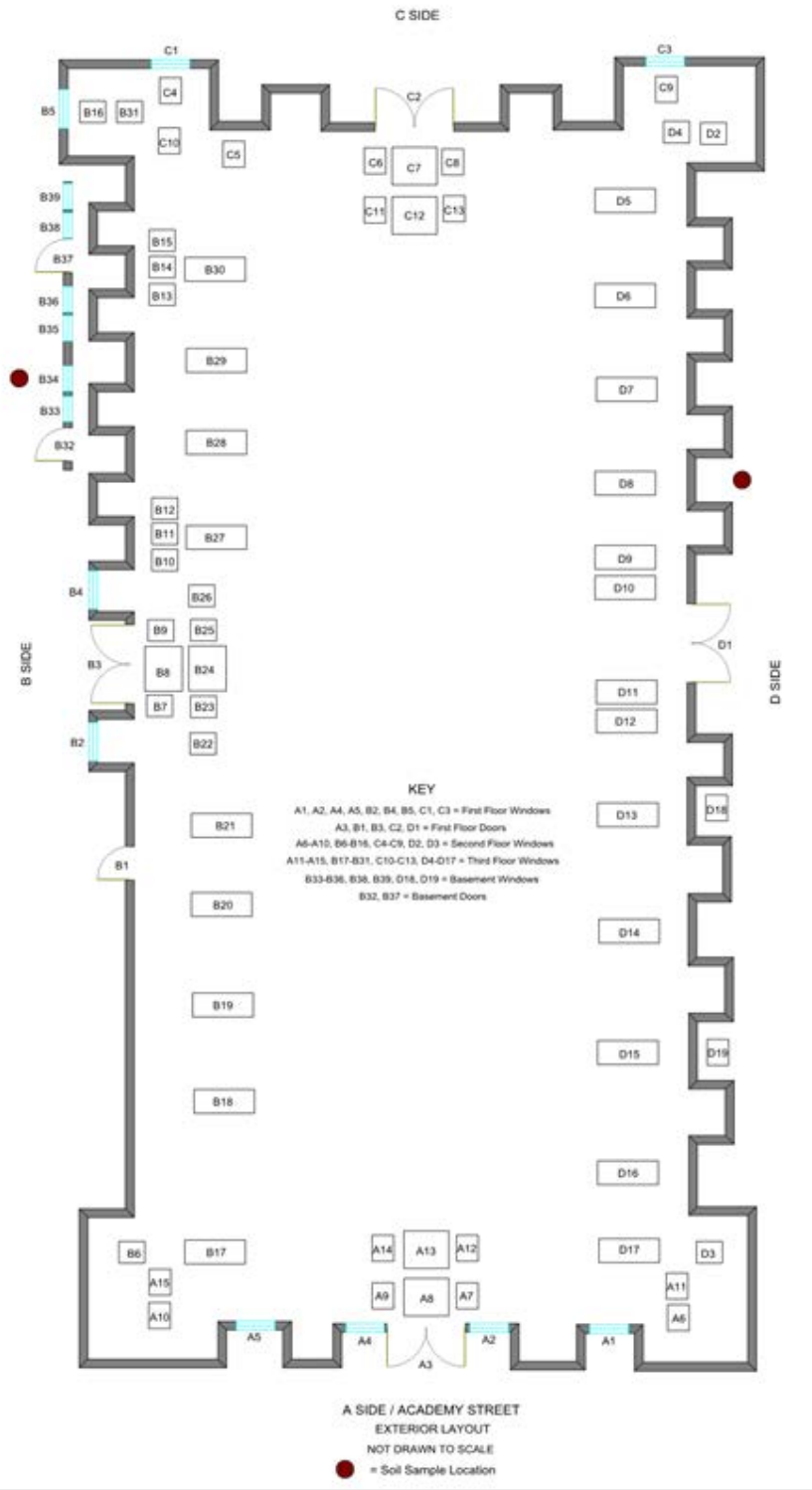
7. Should sealed windows (painted plywood replacement) be replaced or SPP/Encapsulated?

*All remaining painted plywood surfaces on the B-side of the basement access (antique yellow painted surfaces) should be Encapsulated using lead safe practices (SPP). Plywood may be replaced if entry/exit is found to be no longer secure.*

**\*See Appendix A to find procedures for recommended abatement methods.**

<b>Room # And Name</b>	<b>Building Component</b>	<b>Location</b>	<b>Abatement Method</b>	<b>Labor</b>	<b>Materials</b>	<b>Total</b>
Exterior	Window Case	A1, A2, A4-A10, A12-A15, B2, B4-B31, C3, C9, D2, D4	SPP – Encapsulate			
Exterior	Window Case (Long Trim Board)	B17-B21, B27-B30, D5-D17	SPP – Encapsulate			
Exterior	Window Sash	A1, A6-A9, A12-A15, B2, B4-B15, C9, D4	SPP – Encapsulate			
Exterior	Window Sash	A5	Remove & Cover			
Exterior	Window Sill	A1, A5	STB - Paint			
Exterior	Window Upper/Lower Wall (Lt. Yellow)	A6, A10, A12-A14, C1, C6-C8	SPP – Encapsulate			
Exterior	Door Casing	A3, B3, C2	SPP – Encapsulate			
Exterior	Horizontal Overhang Ceiling Beams	B3, C2 – All	Remove			
Exterior	Overhang Fascia	C2 – All	SPP - Encapsulate			
Exterior	Basement Window Case	B - All	SPP – Encapsulate			
Exterior	Basement Door Casing	B32, B37	SPP – Encapsulate			
Exterior	Basement Door (36" door to include re-framing)	B32	SPP - Encapsulate			
Exterior	Basement Door	B37	SPP - Encapsulate			
<b>Non-Lead Scope</b>						
Exterior	Loose & Flaky Paint	A, B, C, D	Scrape, Prime, Paint			
Exterior	Window Sash	AS DISCUSSED	Leave window glass as is			
Exterior	Board Under B39	B Side	Remove & Replace			
			<b>Total</b>			

*Exterior Property Drawing –  
277 Main Street, Auburn, ME*



## Appendix A: Abatement Methods

### Window Components:

- Remove and Replace:** Remove and dispose of existing window, including storm window. **All new windows must be labeled showing a U-Factor  $\leq 0.27$  or equivalent.** Labels must remain in place until approved/inspected by Construction Manager. (Windows will be "1 over 1" style sashes. Window grids will not be included unless noted on the design specifications prior to contracting.) (Building permit with drawings/window specifications are required). Remove window weights if present and Insulate weight cavity using spray foam insulation in 1–4-unit size buildings. *5+ unit buildings may use equivalent fiberglass insulation in the weight cavity.* Caulk inside of exterior window stops and install window unit per manufacturer instructions. Apply low-expanding foam around window in rough opening. (MUBEC requires gaps to be sealed). Install non-lead window stops to match existing ones. Caulk exterior of window installation after install. New components are to be caulked, primed, and painted to match the existing or color agreed upon by the owner. *No stops or trim components shall be left unfinished.* Historically Significant Projects require SHPO Pre-Approved Replacement Windows. (Typically, Wood frame and sashes with Grids.) Windows are to meet Egress code compliance, which may require a window style change. Contractor shall cover any exterior window stop paint exposed when removing storm windows. Follow specifications for coil exterior trim. Subject to Maine DEP Component Removal Method (Chapter 424 Section 6.C.5)

WINDOWS			
CLIMATE ZONE	U-FACTOR <sup>1</sup>	SHGC <sup>2</sup>	
Northern	$\leq 0.27$	Any	Prescriptive
	$\leq 0.28$	$\geq 0.32$	Equivalent Energy Performance
	$\leq 0.29$	$\geq 0.37$	
	$\leq 0.30$	$\geq 0.42$	



- Encapsulation (SPP):** **Remove All "Loose and Flaking" paint** (including **All Edges**) using safe paint removal methods. *Repair damaged sections if necessary*, and feather smooth any rough paint edges. **All Component IMPACT SURFACES MUST BE SCRAPED TO BARE WOOD** at the impact location and a minimum of 2" from the impact edges. Feather smooth the paint transition. HEPA clean and wet wash the component. **A Paint Scrape Inspection** by the Program Construction Manager is required. Prime entire surface and Paint 2 coats finish. Paint shall contain LBC (Lead Barrier Compound) and meet Maine DEP standards for encapsulation. Color to match existing **or** be agreed upon by the owner and noted on the design. Provide the owner with the remaining encapsulant paint (1/2 gallon min.) at the end of the project.
- Paint Removal (STB):** **Remove Paint to bare substrate** on **ALL SIDES** of the component, using lead-safe paint removal methods. *Repair damaged sections if necessary.* HEPA clean and wet wash the component. **A Paint Scrape Inspection** by the Program Construction Manager is required. Prime entire surface and Paint 2 coats finish. Color to match existing **or** be agreed upon by the owner and noted on the design. Provide the property owner with the remaining paint (minimum 1/2 gallon) at the end of the project. Subject to Maine DEP Paint Removal Guidelines (Chapter 424 Section 6.C.2). **Paint Scrape Inspections** to verify coating

removal and surface preparation before applying the prime and paint/encapsulation layers **are required for these methods**, documented with photo(s).

- **Interim Control:** Wet scrape all loose, flaking paint from the substrate. Wet sand, and smooth any rough paint edges. HEPA vacuum and wet wash the component. Apply one coat of primer to the scraped areas and two coats of paint to the entire surface of the component. **NOTE:** *All impact surfaces must be scraped to bare wood a minimum of 2" from impact edges.*
- **Enclosure with Aluminum Coil Stock (Exterior):** Prepare the surface by removing obstructions (or decorative molding) that are not structural and repair rot or add wood supports for attaching the enclosure. May be used for Window Troughs if needed. Bend to fit and install aluminum coil stock to cover the entire surface. *Wide sections may require additional seams or a relief bend to allow controlled expansion and contraction during seasonal temperature changes. **Overlap by 2" Minimum and in a manner that Sheds Water at All Seams.*** Fasten coil with color-coordinated nails through pre-drilled holes minimum 24" O.C. Do not caulk and seal long spans where the metal needs room to expand and contract with the seasons. **For components shorter than 6', caulk seams to prevent dust migration** from behind the enclosure. Color to be white **or** stock color agreed upon by the owner and noted on the design.

#### **Door Components:**

- **Encapsulation (SPP):** **Remove All "Loose and Flaking" paint (including All Edges)** using lead-safe paint removal methods. *Repair damaged sections if necessary, and feather smooth any rough paint edges. **All Component IMPACT SURFACES MUST BE SCRAPED TO BARE WOOD*** at the impact location and a minimum of 2" from the impact edges. Feather smooth the paint transition. HEPA clean and wet wash the component. A Paint Scrape Inspection by the Program Construction Manager is required. Prime entire surface and Paint 2 coats finish. Paint shall contain LBC (Lead Barrier Compound) and meet Maine DEP standards for encapsulation. Color to match existing **or** be agreed upon by the owner and noted on the design. Provide the owner with the remaining encapsulant paint (1/2 gallon min.) at the end of the project.
- **Remove and Replace (Exterior and Unit Entry):** Remove and dispose of the existing door (including hardware, door jamb, and possibly casing). Newly installed unit entry locksets/deadbolts will be keyed alike in each separate unit. *(The owner may require special locksets at their own expense).* Existing screen/storm doors will be replaced with a similar style only if specified in the design. Existing door closer(s) *will not be disposed of unless identified as a Lead Hazard.* *Door closers are to be addressed by a method agreed to by the owner in the design specifications.*
  - **Exterior Doors:** Install a standard-grade steel Exterior door with adjustable sills. Solid steel door or 9-Lite steel door (with upper glass) are per the owner's request in writing. Installation to include ANSI Grade 2 lockset. Door will be Energy Star compliant for the Northeast Region. Labels will remain on doors until inspected/approved by Construction Administrator. *Doors into a private unit require a lockset with a deadbolt properly installed. (Configuration to match existing if the owner chooses to re-use existing locksets).* Install per manufacturer instructions, including caulking. Insulate door cavity using spray foam



insulation. (MUBEC requires gaps are to be sealed). Install non-lead door casing to match existing. New trim components are to be caulked, primed, and painted to match existing or color agreed upon by the owner. *No trim components shall be left unfinished. Apply primer (if necessary) and two (2) coats of finish paint or stain to the entire surface of the door, per design spec. Subject to Maine DEP Component Removal Method (Chapter 424 Section 6.C.5).*

- **Fire-Rated Doors (Common Areas):** Unit Entry doors or Storage Entry doors require a 90-minute fire-rated door. (Other fire door options may be allowed for custom door configurations.) Door must have factory labeled fire rating. Installation to include ANSI Grade 2 lockset or better. *Fire-Rated doors require closers or self-closing hinges. Doors into a private unit require a lockset with a deadbolt properly installed. (Configuration to match existing if the owner chooses to re-use existing locksets).* Install per manufacturer instructions, including caulking. Insulate door cavity using spray foam insulation. (MUBEC requires gaps are to be sealed). Install non-lead door casing to match existing. New trim components are to be caulked, primed, and painted to match existing or color agreed upon by the owner in writing. *No trim components shall be left unfinished. Apply primer (if necessary) and two (2) coats of finish paint or stain to the entire surface of the door, per design specifications. Subject to Maine DEP Component Removal Method (Chapter 424 Section 6.C.5).*
- **Remove and Replace (Interior):** Remove and dispose of existing door (including hardware, door jamb, and possibly casing). **Door & Jamb:** Install a new 6-panel solid pine door, approved equal pre-hung door, or door with custom jamb. Installation to include proper passageway or privacy lock/latch set and standard 3 hinge configuration. Install door following standard practice. Install non-lead door casing to match existing. New trim components to be caulked, primed, and painted to match existing or color agreed upon by the owner. *No jamb or trim components shall be left unfinished. Door slab to be finished with two (2) coats stain or primed and painted with two (2) finish coats, per design specifications. Subject to ME DEP Component Removal Method (Chapter 424 Section 6.C.5)*
- **Door Slab:** Install a new 6-panel solid pine door slab or an approved equal. Installation to include proper passageway or privacy lock/latch set and standard 3 hinge configuration. Install door following standard practice. *Install non-lead door casing to match existing. New trim components to be caulked, primed, and painted to match existing or color agreed upon by the owner in writing. No jamb or trim components shall be left unfinished. Door slab to be finished with two (2) coats stain or primed and painted with two (2) finish coats, per design specifications. Subject to Maine DEP Component Removal Method (Chapter 424 Section 6.C.5).*
- **Enclosure:** Prepare surface by removing obstructions (or decorative molding) that are not structural and repair rot for attaching the new enclosure. Mechanically fasten Finish Grade wood/wood panel product (minimum 1/4" thickness) to the entire surface. All edges shall be clean-cut and closely fitted. (Ensure there are NO sharp or frayed edges). Install per manufacturer recommendations, if applicable. **Caulk all butt seams and holes to prevent dust migration** from behind the enclosure. Material shall be finished with two (2) coats of stain or primed and painted with two (2) finish coats. For wet locations, finished surface to be approved for wet location use. Subject to Maine DEP Enclosure Method (Chapter 424 Section 6.C.4)

- **Paint Removal (STB):** *Remove Paint to bare substrate on ALL SIDES of the component, using lead-safe paint removal methods. Repair damaged sections if necessary. HEPA clean and wet wash the component. A Paint Scrape Inspection by the Program Construction Manager is required. Prime entire surface and Paint two (2) coats finish. Color to match existing **or** be agreed upon by the owner in writing and noted on the design. Provide the property owner with the remaining paint (minimum 1/2 gallon) at the end of the project. Subject to Maine DEP Paint Removal Guidelines (Chapter 424 Section 6.C.2)*
- **Interim Control:** Wet scrape all loose and flaking paint from the substrate. Wet sand and smooth any rough paint edges. HEPA vacuum and wet wash the component. Apply one (1) coat of primer to the scraped areas and two (2) coats of paint to the entire surface of the component. **NOTE:** *All impact surfaces must be scraped to bare wood a minimum of 2" from impact edges.*
- **Enclosure with Aluminum Coil Stock (Exterior):** Prepare surface by removing obstructions (or decorative molding) that are not structural and repair rot or add wood supports for attaching the enclosure. May be used for Window Troughs if needed. Bend to fit and install aluminum coil stock to cover the entire surface. *Wide sections may require additional seams or a relief bend to allow controlled expansion and contraction during seasonal temperature changes. **Overlap by 2" Minimum and in a manner that Sheds Water at All Seams.*** Fasten coil with color-coordinated nails through pre-drilled holes minimum 24" O.C. Do not caulk and seal long spans where the metal needs room to expand and contract with the seasons. **For components shorter than 6', caulk seams to prevent dust migration** from behind the enclosure. Color to be white **or** stock color agreed upon by the owner in writing and noted on the design.

#### Soils:

- **Capping Contained Soils:** Shall be performed while the soils are wet or dampened. Bare or exposed hazardous soils are to be capped in place (undisturbed) with a minimum of 2" of concrete or asphalt. Subject to Maine DEP Soil Abatement Method (Chapter 424 Section 6.C.7).
- **Excavation of Soils:** Shall be performed while the soils are wet or dampened. Complete excavation of bare and/or exposed hazardous soils of at least 4" as noted on the design plan. Replacement soils with non-leaded (or below established threshold) soils is required. Subject to Maine DEP Soil Abatement Method (Chapter 424 Section 6.C.7).
- **Interim Control:** Impermanent surface coverings include grass (as seed or sod), other ground covers (e.g., ivy), artificial turf, bark, mulch, and gravel. If the area to be controlled is heavily traveled, impermanent surface coverings, such as grass, are not appropriate. If mulch or bark is selected, apply the covering 4-6 inches deep (3 inches is more appropriate for gravel). New bark, gravel, or other materials should not contain more than 200 µg/g of lead, if possible, and never more than 400 µg/g. Properly prepare the soil prior to seeding or

sodding. If live ground covers (including grass) are selected, it is imperative that they are properly watered during the first 3 months and adequately maintained thereafter.