Part 1 GENERAL

1.1 RELATED SECTIONS

1. General Conditions as applicable
2. Division 6 – various sections
3. Section 09 91 00: Painting & Finishing
4. The Designated Substances Scope

1.2 DESCRIPTION

1. The work in this section describes the work necessary to prepare exterior wood surfaces for primer and paint.

1.3 WORKMANSHIP

1. Work of this section shall be completed by individuals with a minimum of five (5) years experience at this type of work.

1.4 MOCK UPS

1. Contractor shall complete the work described in this section on one (1) sample wood surface identified beforehand by the Consultant. This work shall be executed under direct review by the Consultant. Acceptance of the completed sample by the Consultant shall be necessary before additional surface preparation work proceeds.

2. Provide Consultant five (5) days notice prior to undertaking work on this sample (mock-up).

1.5 PRODUCT STORAGE AND HANDLING

1. Observe good housekeeping practices when executing work in this section.

2. Follow safety precautions for contact, removal, containment and removal of old paint contaminated with lead as defined by local, provincial and Federal regulations.

3. Provide fire extinguisher (carbon dioxide type) minimum 9 kg. capacity at immediate work area.

4. Refer to "Lead Paint Removal Procedures" provided by the Client.

1.6 PROJECT CONDITIONS

1. Surface preparation work shall be performed in favorable weather conditions as defined herein. The temperature range within the work area shall be between 50 to 90 degrees F.

2. Wood being prepared must be dry and have moisture content below 12% by weight. Protect area from moisture until painting is complete and cured.

3. Use of a heated enclosure around the work area is acceptable.

4. Mask or otherwise protect surrounding or adjacent historic fabric and occupants from all activities associated with this work. No fastenings associated with hoarding or other protects shall be installed in historic material without prior approval of Consultant.

5. Prevent dust associated with these activities from spreading beyond the immediate work area and into the building interior.

6. All exterior surfaces shall be protected by the use of polyethylene tents to protect from moisture from the time that surface preparation begins and until painting is about to commence. Once painting begins use breathable tarps through to final painting.

1.7 DAILY CLEAN UP

1. Remove from building any oil soaked rags and/or brushes at the end of each work day or earlier in the day if use of oil is finished, whichever occurs first. This is to avoid any danger of linseed oil soaked rags spontaneously combusting.

2. Clean up work area at the end of each work day. Remove from building and discard unused materials, containers, tools, towels and paint dust in accordance with any local, Provincial and Federal regulations.

Part 2 PRODUCTS

2.1 MATERIALS

1. Chemical paint strippers shall be the only means for removing paint. The use of power tools is not permitted.

2. Non-ionic detergent.

Part 3 EXECUTION

3.1 SCOPE OF PAINT REMOVAL

1. Prepare exterior surfaces to receive new finishes as required.

2. Where re-painting is to be undertaken, surfaces shall be brought back to sound substrate which may or may not be bare wood. Remove sufficient paint to expose the condition of wood, particularly at exterior wood sills.

3. Where epoxy repairs are required, remove all paint to bare wood from the affected area.

3.2 SURFACE PREPARATION FOR WOOD WORK

1. The use of power tools on historical wood is not permitted. Chemical stripping and careful hand scraping and sanding are the means for removing painting.

2. Open flame devices including heat guns for paint removal are not permitted.

3. Surface preparation shall be done carefully so as not to gouge or otherwise alter the profiles of mouldings. Power tools, including sanders are not permitted because of the tendency to tear across the grain.

4. Customize blades for scrapers to match the shape of the original profiles.

5. Carefully remove paint to achieve smooth surface without altering profiles and feather edges. Lightly sand all surfaces that are to be painted.

3.3 EXTERIOR CLEANING

1. Exterior and hidden surfaces of all wood work associated with building are soiled.

2. Carefully vacuum all surfaces including wood using a soft nozzle tip that will not scratch surfaces.

3. Agitate stubborn areas with a nylon brush.

4. Wash all surfaces with a small amount of non-ionic detergent in potable water using nylon brushes and/or lint free cloths.

5. Rinse all surfaces with potable water and dry with lint free cloths.

End of Section 09 03 01 01