

SECTION 09910 – HISTORIC PAINTING – Revised 12/26/2007

PART 1 - GENERAL

1.01 RELATED DOCUMENTS: The general provisions of the Contract, including General and Supplementary Conditions, and all Division I sections of the Specifications apply to the work specified in this section.

1.02 DESCRIPTION OF WORK

- A. The extent of painting work is shown on the drawings and in schedules, and as herein specified.
- B. The work includes: Preparation and painting of all previously or normally painted exterior surfaces associated with the tower work. Prepare samples as listed under 1.3 Submittals.
- C. Special care is required to protect existing roofing materials from paint.
- D. Caulk with sealant all cracks, gaps and as required to prevent water infiltration and permit a smooth finish. Rake out all existing caulking.
- E. Protect all adjacent areas not to be painted with cloths or canvas at all times, to prevent drips.
- F. Collect and legally dispose of paint chips and stripped paint. Contractor shall base his bid on the presence of lead paint.
- G. All hoisting, rigging, and lifts required to complete the work of this section.

1.03 RELATED WORK

- A. SECTION 01520 STAGING, LIFTS & ACCESS
- B. SECTION 06200 ARCHITECTURAL CARPENTRY & ASSOCIATED WORK
- C. SECTION 08600 WOOD WINDOW REPAIRS

1.03 QUALITY ASSURANCE

- A. Painting Contractor:

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1. The subcontractor shall have not less than five years successful experience painting wooden historic buildings. This experience shall include at least six projects of comparable size and complexity on historically significant buildings during the last three years.

1.04 SUBMITTALS:

- A. For information only, submit one copy of manufacturer's specifications, including paint label analysis for each material specified.
- B. Submit samples for Architect's and Owner's review. For preliminary review submit up to 4 sets of 12" x 12" hardboard, (provide 2 samples of each color). For final review and approval paint a ten lineal foot area of building trim. Each sample to have primer plus 2 finish coats.

1.05 DELIVERY AND STORAGE: Deliver all materials to the job site in original, new and unopened packages and containers bearing manufacturer's name and label.

106 JOB CONDITIONS:

- A. Do not apply exterior paint materials during the months of November through April. Do not apply exterior paint materials when the temperature of surfaces to be painted and the surrounding air temperatures are below 50 degrees F. or expected to drop below 50 degrees F. for 48 hours after application, or above 85 degrees F.

Contractor must furnish and use a hand held moisture meter to determine the moisture content of wood surfaces. Wood surface must have a reading of 15% or less at all times during painting. Contractor shall record each day's moisture level readings, including location of reading.

- B. Do not apply paint materials in snow, rain, fog, or mist, or when the relative humidity exceeds 80% or to damp or wet surfaces.
- C. Do not paint over any code-required labels, such as Underwriters' Laboratories and Factory Mutual, or any equipment identification, performance rating, name or nomenclature plates.

## PART 2 - PRODUCTS

2.01 COLORS AND FINISHES

- A. Prior to beginning work, the Architect will furnish sample color chips if color is not to match an existing color for surfaces to be painted. Match the colors of the chips and submit samples, as specified herein, before proceeding with the work.

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2.02 MATERIAL QUALITY

- A. Provide the best quality grade of the various types of coatings as regularly manufactured by approved paint materials manufacturers. Materials not displaying the manufacturer's identification as a standard, best-grade product will not be acceptable.
- B. Provide undercoat paint produced by the same manufacturer as the finish coats. Use only thinners approved by the paint manufacturer, and use only within recommended limits.

2.03 PAINT MATERIALS: See schedule following this section for materials quality requirements.

2.04 SEALANT: Sika-1a, 1-component polyurethane.

PART 3 - EXECUTION

3.01 INSPECTION

- A. The Applicator must examine the areas and conditions under which painting work is to be applied. Notify the Contractor in writing of conditions detrimental to the proper and timely completion of the work. Do not proceed with the work until unsatisfactory conditions have been corrected in a manner acceptable to the Applicator.
- B. Starting of painting work will be construed as the Applicator's acceptance of the surfaces and conditions within any particular area.
- C. Do not paint over dirt, rust, scale, grease, moisture, scuffed surfaces, or conditions otherwise detrimental to the formation of a durable paint film.

3.02 SURFACE PREPARATION

- A. Perform preparation and cleaning procedures in strict accordance with the paint manufacturer's instructions and as herein specified for each particular condition:
- B. All surfaces need to be hand scraped with a sharp metal scraper carefully used so as not to gouge the wood.
- C. No power hand sanders shall be used.

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- D. Protection of adjoining surfaces: Remove or protect hardware, hardware accessories, machined surface, plates, lighting fixtures, roofing and similar items not to be painted.
- E. Set and putty all nails.
- F. NO painting shall be done until surface preparation is accepted by Architect.

### 3.03 MATERIALS PREPARATION

- A. Mix and prepare painting materials in accordance with manufacturer's directions.
- B. Store materials not in actual use in tightly covered containers. Maintain containers used in storage, mixing, and application of paint in a clean condition, free of foreign materials and residue.
- C. Stir materials before application to produce a mixture of uniform density, and stir as required during the application of the materials.

### 3.04 APPLICATION

- A. Apply paint materials in accordance with the manufacturer's directions. Do not use any type of spraying device or roller to apply paint. All paint must be brush-applied unless otherwise agreed to in writing by the Architect. An exception is that the contractor may apply paint with hand held rollers provided he/she immediately finish working the paint into the wood surfaces by hand with a brush.
- B. Apply a prime coat to material which is required to be painted or finished, and which has not been prime coated by others. Prime all new or existing surfaces.
- C. Apply paint materials so as to completely cover all surfaces with an opaque, smooth surface of uniform finish, color, appearance and coverage. Cloudiness, spotting, laps, brush marks, runs, sags or other surface imperfections will not be acceptable. Remove, refinish, or repaint work not in compliance with specified requirements.

### 3.05 CLEAN-UP AND PROTECTION

- A. During the progress of the work, remove from the project daily all discarded paint materials, rubbish, cans and rags. No paint materials shall be allowed to be kept within the structure itself for any reason.
- B. Protect work of other trades, whether to be painted or not, against damage by painting and finishing work. Correct any damages by cleaning, repairing or replacing and repainting, as directed by the Architect.

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- C. Protect all non-painted surfaces adjacent to, and below, painting operations. Protection to consist of large cloth, canvas or plastic sheet materials to completely cover building stone.
- D. Provide "Wet Paint" signs, as required to protect newly-painted finishes.

Upon completion of painting work, clean all window glass and other paint-spattered surfaces. Remove spattered paint by proper methods of washing and scraping, using care not to scratch or otherwise damage finished surfaces.

PAINT SCHEDULE

All paint systems shall be three coats minimum or additional coats as required to completely cover.

1. All exterior window sash, window sills, window trim, doors and exterior woodwork. The paint schedule refers to products by Fine Paints of Europe.

1st Coat: Fine Paints of Europe Oil Primer/Undercoat

2nd Coat: Fine Paints of Europe Eco Satin

3rd Coat: Same as second coat.

2. Exterior wood and all miscellaneous painted surfaces. The paint schedule refers to products by Fine Paints of Europe.

1st Coat: Fine Paints of Europe Oil Primer/Undercoat

2nd Coat: Fine Paints of Europe Eurolux Housepaint

3rd Coat: Same as second coat.

3. Exterior copper roofing surfaces. The paint schedule refers to products by Fine Paints of Europe.

1st Coat: Fine Paints of Europe Keyprimer

2nd Coat: Fine Paints of Europe Eurolux Housepaint

3rd Coat: Same as second coat.

4. Interior mounted shutter surfaces. The paint schedule refers to products by Fine Paints of Europe.

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1st Coat: Fine Paints of Europe Eurpolux Primer/Undercoater

2nd Coat: Fine Paints of Europe Eurolux Interior Matte

3rd Coat: Same as second coat.

END OF SECTION 09910