SECTION 099113 – EXTERIOR AND INTERIOR PAINTING

PART 1 GENERAL

1.01 SECTION INCLUDES:
A. The work of this section shall include all labor, materials, equipment, accessories and services required and necessary to complete all painting and finishing required for surfaces as indicated or specified.
B. The type of material to be used and the number of coats to be applied are listed in the "Schedule of Finishes" in Part 3.0 of this Section.
C. The term "paint" as used herein includes enamels, paints, stains, sealers, fillers, emulsions and other coatings whether used as prime, intermediate or finish coats.
D. The work required under this section consists of all painting, finish work and related items necessary to complete the work required.

1.02 SUBMITTALS
A. Submit Product Data Sheets, material manufacturer's instructions for application, and cleaning and maintenance procedures.
B. Upon selection of the colors, prepare and deliver two identical sets of samples of the selected colors applied to 8-1/2 inch by 11 inch by 1/4 inch thick material; the material for samples shall be of a similar material to that upon which the coating will be applied in the work. Samples of paint materials to be applied to metal surfaces (such as metal partitions or furniture) shall be submitted on six inch square pieces of metal.
C. At completion of project work, additional material to be provided to Purchaser for maintenance purposes shall be limited to one gallon of each separate color of each material applied.

1.03 DELIVERY, STORAGE AND HANDLING,
A. Deliver all materials to the job site in their original, sealed, unopened containers with all labels intact and legible at the time of use.
B. Store the approved materials at the job site store only in a suitable, designated area restricted to the storage of paint materials and related equipment.
C. Ensure the safe storage and use of materials and the prompt and safe disposal of waste. Store hazardous waste materials only in approved containers in areas designated for such storage by the Designated Representative. At completion of project work, properly dispose of any accumulated hazardous wastes resulting from this project work.
D. Protect materials before, during and after application and protect the installed work and materials of all other trades.
E. In the event of damage, immediately make all repairs and replacement necessary to the approval of the Designated Representative and at no additional cost on the contract.
F. At the end of each day, remove all oily rages and unnecessary combustible materials and debris from the premises.

1.04 QUALITY ASSURANCE
A. All materials used must comply with local air pollution control district regulations and federal lead content laws.
B. Extreme caution shall be exercised during the application and curing of products that may off-gas volatile organic compounds (VOCs) to insure the health and comfort of building occupants is not affected. Adequate ventilation and the use of auxiliary fans shall be provided as necessary to maintain an acceptable environment within the building.

PART 2 PRODUCT

2.01 MATERIALS
A. Materials listed herein are the product of Pittsburg Paints.
B. All materials and equipment shall be compatible to use; finish coats shall be compatible with prime coats; prime coats shall be compatible with the surface to be coated; all tools and equipment shall be compatible with the coating to be applied, etc.
C. Thinners, when used, shall be only those thinners recommended for that purpose by the manufacturer of the material to be thinned.
D. Each base coat shall have a slight color variation from the finish color.

PART 3 EXECUTION

3.01 QUALITY ASSURANCE
A. Use only qualified craftsmen for the mixing and application of materials. In the acceptance or rejection of installed painting, no allowance will be made for lack of skill on the part of applicators.
B. In addition to complying with all pertinent codes and regulations, comply with the recommendations of the Painting and Decorating Contractors of America in their "Modern Guide to Paint Specifications", latest edition.

3.02 GENERAL
A. Furnish clean drop clothes, or other accessory materials as necessary to protect floors, equipment, fixtures and all other surfaces from splatter, droppings and spilling at all times.
B. Colors will be selected from the approved manufacturer's standard color charts, and all tinting and mixing of finish coats shall be done with paint manufacturer's approved equipment.
C. Job matching or job tinting to suit field conditions may be done only after approval by the Designated Representative.
D. Do not execute any work under conditions which are unsuitable for the production of satisfactory results, such as wet or windy weather, dust, storm, extreme cold or hot, or conditions determined to be not acceptable by the Designated Representative, or in compliance with the paint manufacturer's requirements.
E. All floor and other adjacent surfaces shall be free from dust, debris, etc. before painting work is commenced. As required, make area acceptable for coating application before starting work.
F. Carry out work in accordance with the manufacturer's printed specifications, a copy of which shall be kept on the job site at all times.
G. Surface preparations shall be in accordance with standards and recommendations of the Painting and Decorating Contractors of America and the respective product manufacturer's written directions.

3.03 EXAMINATION
A. Surface Conditions
1. Prior to all work of this section, carefully inspect the installed work of all other trades and verify that all such work is complete to the point where this installation may properly commence. In the event of discrepancy, immediately notify the Designated Representative.
2. Application of materials will be construed as acceptance of surfaces and this contractor shall be entirely responsible for the finished work.

3.04 PREPARATION
A. Preparation of Surfaces
1. Existing surfaces to receive paint, etc. shall be thoroughly cleaned and prepared in accordance with the best trade practices and the respective manufacturer's directions.
2. Prior to all surface preparation and finishing operations, completely mask, remove, or otherwise adequately protect all hardware, accessories, machined surfaces, plates, lighting fixtures, and similar items in contact with painted surfaces but not scheduled to receive paint. Paint/coatings shall be applied behind all removable trim.
3. Schedule all cleaning and materials application so that dust and other contaminants from the cleaning process will not fall on newly finished surfaces.

B. Special Preparatory Work
1. Fill all nail holes, dimples in door frames, cracks, open joints and other defects after the first or priming coat is dry. Before the second coat is applied, spot prime all repairs.
2. All patching and caulking shall be with up-to-date manufacturer specified material, compatible with the stains, primers and finishes to be used.
3. Fill all defects to match adjacent surfaces.
4. Touch up damaged shop coats on metal with rust-inhibitive primer.
5. Remove rust, mill scale, etc. on metal down to sound surface and bring forward to receive finish coats.
6. Properly clean, patch, bring forward as necessary and prepare in accordance with the manufacturer's printed directions all damaged and existing surfaces prior to finishing.
7. Thoroughly clean all surfaces free from dirt, oil and all other foreign substances.
8. Allow surfaces to dry thoroughly before application of finish.
9. Remove all dust and loose mortar from concrete and masonry by sweeping or brushing. Remove efflorescence with a muriatic acid solution, which requires a clean water rinse, or with a phosphoric acid solution, and allow to dry.

3.05 APPLICATION
A. Paint all exposed surfaces, including tops, sides and bottom.
B. Comply with the manufacturer's recommendations regarding environmental conditions under which the coating systems may be applied.
C. Use a moisture-meter to test plaster and gypsum wallboard surfaces, to verify compliance with manufacturer's recommendations.

3.06 REINSTALLATION
A. Following completion of painting in each space, promptly reinstall all items removed for painting and use only workmen skilled in the particular trade.
B. Exercise care during the reinstallation of items so that finished surfaces are marred or damaged. Any areas finished paint surfaces that are marked, marred, or otherwise damaged during reinstallation will be touched-up/refinished as necessary to conceal the damage.

3.07 RESTORATION
A. For existing surfaces, verify that the specified finishes are compatible with existing surface treatments.
B. Provide prime coats, undercoats, repairs and other preparatory work on existing surfaces as necessary to make the existing surface meet the material manufacturer's requirements for acceptable substrate for application of specified materials.

3.08 CLEAN UP
Upon completion of this work all surfaces marred by the painting or finishing operations shall be properly cleaned and left in an acceptable condition as required by the contract documents and approved by the Designated Representative.

3.09 PAINT FINISH SCHEDULE
Provide paint finishes as indicated by the contract documents in accordance with this paint finish schedule. The material manufacturer and this contractor shall review the schedules for applicable material use and be responsible for proper material selection and application for project specific conditions.

SRP INTERIOR PAINT FINISH SCHEDULE
NEW INTERIOR FINISHES
A. Metal Galvanized and Ferrous
   1. Primer OR 90-712 Series Waterborne Acrylic
   2. Finish (flat) OR 6-70 Series
   3. Finish (semi) OR 6-510 Series Latex Enamel
   4. Finish (satin) OR 90-474 Series Waterborne Acrylic

VER:12/07
Exterior and Interior Painting
B. Wallboard Interior
   Flat
   1. 2 Coats OR 6-70 Series Flat Latex

   Semi Gloss
   1. Primer 6-2 Sealer
   2. Finish 6-510 Series Latex Enamel

   Gloss
   1. Primer 6-2 Sealer
   2. Finish 51-110 Series Waterborne Enamel

   Epoxy (extremely wet areas)
   1. Primer 6-2 Sealer
   2. Finish 16 Series PittGlaze Acrylic Epoxy

C. Masonry Interior
   Block
   1. Primer 6-7 Blockfill
   2. Finish materials Same as wallboard

   Plaster (check PH prior to application)
   Same material systems as wallboard

D. Interior Metal Ceilings
   1. Ferrous Primer 90-712 Waterborne Acrylic
      (if factory primed, spot prime only)
   1A. Galvanized Clean and prime to remove all contaminants
   2. Finish (flat) 6-715 Latex Dry Fog
      OR
   Finish (semi) 6-714 Latex Dry Fog
      OR
   Finish (gloss) 90-274 Series Acrylic

INTERIOR REPAINT FINISHES
A. Scuff sand any surface having existing gloss finish
B. Wallboard, Plaster, Stucco and Masonry
   1. First Coat 6-755 Latex undercoat
   2. Finish (flat) 6-70 Series Latex
      OR
   3. Finish (semi-gloss) 6-510 Series Latex Enamel
      OR
   4. Finish (gloss) 51-110 Waterborne Enamel
      OR
   5. Finish (epoxy) 6-755 Enamel Undercoat
      Aquapon 9-130-A
      Aquapon 9-139-B

C. Ferrous and Galvanized Metals
   1. Primer 6-712 Inhibitive Primer
      OR
   2. Finish (flat) 90-712 Acrylic Primer
      OR
   3. Finish (semi-gloss) 6-70 Series Latex Flat
      OR
   3. Finish (semi-gloss) 6-510 Series Latex Enamel
      OR
   4. Finish (gloss) 51-110 Waterborne Enamel

D. Interior Wood
   1. Primer 6-755 Enamel Undercoat
   2. Finish (flat) 6-700 Series
3. Finish (semi-gloss) 6-510 Series Latex Enamel
   OR
4. Finish (satin) 90-474 Series Waterborne Acrylic
   OR
5. Finish (gloss) 90-374 Series Waterborne Acrylic

E. Interior Wood Stain
1. 1 coat Quality Stain
2. 1 coat Compatible Sealer
3. 2 coats Designated Type Finish

SRP EXTERIOR PAINT FINISH SCHEDULE
NEW EXTERIOR FINISHES
A. Galvanized Metal
   1. Clean and Solvent Wash to remove all contaminants
   2. Primer 6-712 or 90-712 Primer
   3. Finish (flat) 6-610 Series Acrylic Latex
   OR
   4. Finish (gloss) 90-374 Series Gloss
B. Ferrous Metals
   1. Primer 6-712 Waterborne Primer
      (omit primer and spot prime only if factory primed)
   2. Finish (flat) 6-610 Series Acrylic Latex
   OR
   3. Finish (gloss) 90-374 Series Gloss
C. Wallboard Exterior
   1. 2 coats 6-610 Series Acrylic Latex Flat
D. Wood Exterior (paint)
   1. Primer 6-609 Alkyd Modified Acrylic Latex
   2. Finish (flat) 6-610 Series Latex
   OR
   3. Finish (semi-gloss) 6-901 Series Acrylic Latex
E. Wood Exterior Stain
   1. 2 Coats (solid Color) 77-400 Series
   2. 2 Coats (transparent) 77-460 Series
F. Masonry with Stucco, Cement Plaster
   Check PH on surface prior to application
   1. Primer 2099 Acrylic Primer
   2. Finish (flat) 6-610 Series Acrylic Latex
   OR
   3. Finish (eggshell) 76 Series Acrylic
G. Masonry Block
   1. First Coat 6-7 Block Fill
   2. Finish (flat) 6-610 Series
   OR
   3. Finish (eggshell) 76 Series eggshell
H. Exterior Acrylic - Elastomeric
   1. Finish 4-110 Pitt Flex

EXTERIOR REPAINT FINISHES
A. Scuff sand any surface have existing gloss finish
B. Metals; Ferrous, Galvanized, Aluminum
   Clean as per material manufactures requirements
   1. Prime Coat 90-712 Waterborne Acrylic Primer
   2. Finish (flat) 6-610 Series Acrylic
   OR
   3. Finish (satin) 90-474 Waterborne Acrylic
4. Finish (gloss) 90-374 Waterborne Acrylic

C. Masonry
1. After cleaning, if chalking is still present, prime with 2009 Acrylic Primer
2. Finish (flat) 6-610 Series Latex
3. Finish (eggshell) 76 Series Acrylic

D. Wallboard
1. Spot prime with finish coat
2. Finish (flat) 6-610 Series Acrylic Latex
3. Finish (semi-gloss) 6-900 Series Acrylic

E. Wood
1. Spot Prime 6-609 Acrylic Latex Primer
2. Finish (flat) 6-610 Series Acrylic Latex
3. Finish (semi-gloss) 6-900 Series Acrylic

F. Factory Finished Metal Buildings
1 or 2 coats 71 Series Metal Siding Refinish

END SECTION