



CITY OF TAMPA

Pam Iorio, Mayor

CONTRACT ADMINISTRATION DEPARTMENT

David L. Vaughn, AIA, Director

ADDENDUM NO. 3

DATE: April 7, 2011

Contract 11-C-00023; DLTWTF Maintenance Building Retrofit – SLBE

Bidders on the above referenced project are hereby notified that the following addendum is made to the Contract Documents. BIDS TO BE SUBMITTED SHALL CONFORM TO THIS NOTICE.

Item 1: Replace Technical Specification Section 09900 with the attached Section 09900.

Item 2: Clarification:

The City will remove the electrical and data conduits from the beams while work is being performed by the Contractor, and will reinstall the cables following completion of the work by the Contractor.

All other provisions of the Contract Documents and Specifications not in conflict with this Addendum shall remain in full force and effect. Questions are to be e-mailed to Contract Administration@tampagov.net.



Jim Greiner, P.E., Contract Manager

SECTION 09900 – (REV. ADD. 3)

PAINTING AND COATING

PART 1 - GENERAL

RELATED DOCUMENTS

Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section.

SUMMARY

This Section includes surface preparation and field painting of the patched sections of wall and ceiling and the exposed surfaces of the new beam segments and appurtenances.

Paint all surfaces where new wallboard and new steel has been installed, first priming according to approved submittals and according to manufacturer's instructions. Also paint all surfaces damaged or marred by construction activities. Carry finish coats to the nearest edges of the face of the surface being painted.

REFERENCES – (Not used.)

DEFINITIONS

General: Standard coating terms defined in ASTM D 16 apply to this Section.

- Flat refers to a lusterless or matte finish with a gloss range below 15 when measured at an 85-degree meter.
- Eggshell refers to low-sheen finish with a gloss range between 5 and 20 when measured at a 60-degree meter.
- Satin refers to low-sheen finish with a gloss range between 15 and 35 when measured at a 60-degree meter.
- Semigloss refers to medium-sheen finish with a gloss range between 30 and 65 when measured at a 60-degree meter.
- Full gloss refers to high-sheen finish with a gloss range more than 65 when measured at a 60-degree meter.

SUBMITTALS

Product Data: For each paint system specified. Include primers.

- Material List: Provide an inclusive list of required coating materials. Indicate each material and cross-reference specific coating, finish system, and application. Identify each material by manufacturer's catalog number and general classification.
- Manufacturer's Information: Provide manufacturer's technical information, including label analysis and instructions for handling, storing, and applying each coating material proposed for use.
- Certification by the manufacturer that products supplied comply with local regulations controlling use of volatile organic compounds (VOCs).

Samples for Initial Selection: Manufacturer's color charts showing the full range of colors available for each type of finish-coat material indicated.

- After color selection, the Contractor will furnish color chips for surfaces to be coated.

QUALITY ASSURANCE

Applicator Qualifications: Engage an experienced applicator who has completed painting system applications similar in material and extent to that indicated for this Project with a record of successful in-service performance.

Source Limitations: Obtain primers for each coating system from the same manufacturer as the finish coats.

DELIVERY, STORAGE, AND HANDLING

Deliver materials to the Project Site in manufacturer's original, unopened packages and containers bearing manufacturer's name and label, and the following information:

- Product name or title of material.
- Product description (generic classification or binder type).
- Manufacturer's stock number and date of manufacture.
- Contents by volume, for pigment and vehicle constituents.
- Thinning instructions.
- Application instructions.
- Color name and number.
- VOC content.

Store materials not in use in tightly covered containers in a well-ventilated area at a minimum ambient temperature of 45 deg F. Maintain containers used in storage in a clean condition, free of foreign materials and residue.

- Protect from freezing. Keep storage area neat and orderly. Remove oily rags and waste daily. Take necessary measures to ensure that

workers and work areas are protected from fire and health hazards resulting from handling, mixing, and application.

PROJECT CONDITIONS

Apply water-based paints only when the temperature of surfaces to be painted and surrounding air temperatures are between 50 and 90 deg F.

Apply solvent-thinned paints only when the temperature of surfaces to be painted and surrounding air temperatures are between 45 and 95 deg F.

PART 2 - PRODUCTS

MANUFACTURERS

Products: Submit proposed paint and primer information.

PAINT MATERIALS, GENERAL

Material Compatibility: Provide primers and finish-coat materials that are compatible with one another and the substrates indicated under conditions of service and application, as demonstrated by manufacturer based on testing and field experience.

Material Quality: Provide manufacturer's best-quality paint material of the various coating types specified. Paint-material containers not displaying manufacturer's product identification will not be acceptable.

- Proprietary Names: Use of manufacturer's proprietary product names to designate colors or materials is not intended to imply that products named are required to be used to the exclusion of equivalent products of other manufacturers. Furnish manufacturer's material data and certificates of performance for proposed substitutions.

Colors: Provide color selections matching the existing, adjacent paint.

PAINT MATERIALS, SPECIFIC

Paint Stripper for Steel Beams: Use PPG DuraPrep 240 Industrial Coatings remover or approved equal.

Primer/Paint for Steel Beams: Use PPG 97-145 Pitt-Guard or approved equal, two coats at 4.0 mil theoretical dry film thickness each coat.

Primer for Drywall: Use PPG 6-4 Speedhide Interior MaxPrime Latex Primer/Sealer, one coat at 1.8 mil theoretical dry film thickness.

Finish Paint for Drywall: Use PPG PP389 HI-HIDE Interior Latex Wall & Trim, Eggshell, two coats at 1.2 mil theoretical dry film thickness each coat.

PART 3 - EXECUTION

EXAMINATION

Examine substrates, areas, and conditions, with the Applicator present, under which painting will be performed for compliance with paint application requirements.

- Do not begin to apply paint until unsatisfactory conditions have been corrected and surfaces receiving paint are thoroughly dry.
- Start of painting will be construed as the Applicator's acceptance of surfaces and conditions within a particular area.

Coordination of Work: Review other Sections in which primers are provided to ensure compatibility of the total system for various substrates. On request, furnish information on characteristics of finish materials to ensure use of compatible primers.

- Notify the Owner about anticipated problems using the materials specified over substrates primed by others.

PREPARATION

General: Remove hardware and hardware accessories, plates, machined surfaces, lighting fixtures, and similar items already installed that are not to be painted. If removal is impractical or impossible because of the size or weight of the item, provide surface-applied protection before surface preparation and painting. Protect the floor from all paint spatter and spillage.

- After completing painting operations in each space or area, reinstall items removed using workers skilled in the trades involved.

Cleaning: Before applying paint or other surface treatments, clean the substrates of substances that could impair the bond of the various coatings. Remove oil and grease before cleaning.

- Schedule cleaning and painting so dust and other contaminants from the cleaning process will not fall on wet, newly painted surfaces.

Surface Preparation: Clean and prepare surfaces to be painted according to

manufacturer's written instructions for each particular substrate condition and as specified. Strip paint from the bottom webs of the existing beams to be welded to. Clean all residue from stripping procedures using denatured alcohol.

Materials Preparation: Mix and prepare paint materials according to manufacturer's written instructions.

- Maintain containers used in mixing and applying paint in a clean condition, free of foreign materials and residue.
- Stir material before application to produce a mixture of uniform density. Stir as required during application. Do not stir surface film into material. If necessary, remove surface film and strain material before using.
- Use only thinners approved by paint manufacturer and only within recommended limits.

Tinting: Tint each undercoat a lighter shade to simplify identification of each coat when multiple coats of the same material are applied. Tint undercoats to match the color of the finish coat, but provide sufficient differences in shade of undercoats to distinguish each separate coat.

APPLICATION

General: Apply paint according to manufacturer's written instructions. Use applicators and techniques best suited for substrate and type of material being applied.

- Do not paint over dirt, rust, scale, grease, moisture, scuffed surfaces, or conditions detrimental to formation of a durable paint film.
- Provide finish coats that are compatible with primers used.
- The term "exposed surfaces" includes areas visible when permanent or built-in fixtures, convector covers, covers for finned-tube radiation, grilles, and similar components are in place. Extend coatings in these areas, as required, to maintain the system integrity and provide desired protection.
- Paint surfaces behind movable equipment and furniture the same as similar exposed surfaces. Before the final installation of equipment, paint surfaces behind permanently fixed equipment or furniture with prime coat only.
- Paint back sides of access panels and removable or hinged covers to match exposed surfaces.
- Sand lightly between each succeeding enamel or varnish coat.

Scheduling Painting: Apply first coat to surfaces that have been cleaned, pretreated, or otherwise prepared for painting as soon as practicable after preparation and before subsequent surface deterioration.

- The number of coats and the film thickness required are the same regardless of application method. Do not apply succeeding coats until the previous coat has cured as recommended by the manufacturer. If sanding is required to produce a smooth, even surface according to manufacturer's written instructions, sand between applications.
- If undercoats, stains, or other conditions show through final coat of paint, apply additional coats until paint film is of uniform finish, color, and appearance. Give special attention to ensure edges, corners, crevices, welds, and exposed fasteners receive a dry film thickness equivalent to that of flat surfaces.
- Allow sufficient time between successive coats to permit proper drying. Do not recoat surfaces until paint has dried to where it feels firm, does not deform or feel sticky under moderate thumb pressure, and where application of another coat of paint does not cause the undercoat to lift or lose adhesion.

Application Procedures: Apply paints and coatings by brush, roller or other applicators according to manufacturer's written instructions. Spraying of any paints and coatings is expressly disallowed.

- Brushes: Use brushes best suited for the type of material applied. Use brush of appropriate size for the surface or item being painted.
- Rollers: Use rollers of carpet, velvet back, or high-pile sheep's wool as recommended by the manufacturer for the material and texture required.

Minimum Coating Thickness: Apply paint materials no thinner than manufacturers recommended spreading rate. Provide the total dry film thickness of the entire system as recommended by the manufacturer.

Mechanical and Electrical Work: Painting of mechanical and electrical work is limited to items exposed in equipment rooms and in occupied spaces.

Mechanical items to be painted include, but are not limited to, the following:

- Piping, pipe hangers, and supports.
- Ductwork.
- Insulation.
- Motors and mechanical equipment.
- Accessory items.

Electrical items to be painted include, but are not limited to, the following:

- Conduit and fittings.
- Switchgear.
- Panel boards.

Block Fillers: (Not used.)

Prime Coats: Before applying finish coats, apply a prime coat of material, as recommended by the manufacturer, to material that is required to be painted or finished and that has not been prime coated by others. Recoat primed and sealed surfaces where evidence of suction spots or unsealed areas in first coat appears, to ensure a finish coat with no burn through or other defects due to insufficient sealing.

Pigmented (Opaque) Finishes: Completely cover surfaces as necessary to provide a smooth, opaque surface of uniform finish, color, appearance, and coverage. Cloudiness, spotting, holidays, laps, brush marks, runs, sags, ropiness, or other surface imperfections will not be acceptable.

Completed Work: Match approved samples for color, texture, and coverage. Remove, refinish, or repaint work not complying with requirements.

CLEANING

Cleanup: At the end of each workday, remove empty cans, rags, rubbish, and other discarded paint materials from the site.

PROTECTION

Protect work of other trades, whether being painted or not, against damage by painting. Correct damage by cleaning, repairing or replacing, and repainting, as approved by Architect.

Provide "Wet Paint" signs to protect newly painted finishes. Remove temporary protective wrappings provided by others to protect their work after completing painting operations.

- At completion of construction activities of other trades, touch up and restore damaged or defaced painted surfaces. Comply with procedures specified in Painting and Decorating Contractors of America (PDCA) Standard P1-04.

PAINING SCHEDULE:

Contractor shall submit a painting schedule consisting of all proposed coatings.

END OF SECTION