



CITY OF TAMPA

Bob Buckhorn, Mayor

CONTRACT ADMINISTRATION DEPARTMENT

David L. Vaughn, AIA, Director

ADDENDUM NO. 1

DATE: August 12, 2011

Contract 11-C-00052; Fire Station No. 1 – Elevator and Fire Alarm Improvements

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: Specifications, Section 01040 – Project Coordination, Facility Operations During Construction, 5th paragraph, 2nd sentence: **CHANGE** “9 a.m.” to “9 p.m.”.
- Item 2: Specifications, Section 14210 – Electric Traction Elevators, paragraph 1.1.D: **CLARIFICATION** that Owner (City of Tampa) will provide **ONLY** the controllers and traction machine drive motors for installation as part of this Contract. Installation shall include but not be limited to crane services, adjustments, testing, maintenance, and warranty requirements. Remainder of items in paragraph 1.1.D shall be provided as part of this Contract.
- Item 3: Specifications, Sections 09251, 09900, 15700, and 16723: **REPLACE** with revised sections included with this Addendum.

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

Jim Greiner, P.E., Contract Manager

SECTION 09251

GYPSUM DRYWALL CONSTRUCTION

PART 1: GENERAL

1.1 DESCRIPTION: The work of this section consists of furnishing and installing gypsum wallboard to replace or repair demolished.

1.2 SUBMITTALS: Submit certification from manufacturer attesting that all gypsum drywall material used is asbestos free.

1.3 RELATED DOCUMENTS:

Drawings and general provisions of Contract, including General and Supplementary General Provisions and Special Conditions, and Division 1 Specification sections, apply to work of this section.

1.4 PROJECT CONDITIONS:

- A. Minimum temperature in space shall be 55 degrees F. Preferable minimum is 70 degrees F. Provide ventilation and heat as required to remove excess moisture.

Surfaces to which gypsum board is to be applied shall be straight, even, smooth, all in the same plane, thoroughly clean and dry, and free from all defects that might affect proper application. Report unsatisfactory surfaces to the Owner's representative or correct defective surfaces.

1.4 QUALITY ASSURANCE:

- A. A copy of Gypsum Association's Recommended Specifications GA-216-85, shall be available for reference on the job site.
- B. All material used under this section shall be asbestos free.
- C. The products named in this section are made by the U.S. Gypsum Company (USG). Equivalent products of other manufacturers may be substituted if approved as equal by the Owner's Representative.
- D. For all conditions not covered by this section, follow the recommendations in U.S. Gypsum Company's technical literature.

1.5 PRODUCT HANDLING: Stockpile gypsum board flat on raised supports in piles. Leave in original wrappings or containers until ready for actual use. Protect gypsum board from wetting.

PART 2: PRODUCTS

- 2.1 GYPSUM WALLBOARD: Where thickness is not specified, use 5/8-inch-thick material. Exposed finish material shall have long edges tapered and the taper shall culminate in a rounded profile characteristic of USG Smooth Wall system.
- A. Regular Board: ANSI/ASTM C36-80.
- 2.2 FASTENERS:
- A. Screws: USG Hi-Lo, bugle head, Type S. Size as recommended by USG.
- 2.3 JOINT TREATMENT MATERIALS:
- A. Tape: USG Perf-a-Tape Reinforcement.
- B. Joint Compound: USG Durabond 90.
- C. Tape Bedding Compound: USG Durabond Joint Compound Taping.
- D. Topping Compound: USG Crater Free Ready to Use Joint Compound All Purpose.
- 2.4 METAL ACCESSORIES: USG Dura-Bead for all exterior corners and USG No. 200 and No. 701 Series for metal trim. Accessories shall be hot dipped galvanized steel.

PART 3: EXECUTION

- 3.1 GENERAL INSTALLATION: Apply gypsum boards to walls.
- 3.2 INSTALLATION:
- A. Install in maximum practical lengths.
- B. Install fasteners no closer than 3/8 inch to end or edge.
- C. Screws: Follow Gypsum Association's recommendations for fastener spacing.
- 3.3 METAL ACCESSORIES: Install in maximum practicable lengths.
- A. Corner Bead: Reinforce all vertical and horizontal exterior corners.
- B. Metal Trim: Apply over gypsum panels where partitions or ceiling terminate against dissimilar materials.
- 3.4 JOINT TREATMENT:

- A. Embedding Tape: Center tape reinforcement and press it down into fresh tape bedding compound. Immediately after embedding apply a skim coat of compound.
- B. Spotting Fastener Heads: Apply coat of tape bedding compound or joint compound over all fastener heads.
- C. Second Coat Application: After embedding and covering coat has hardened, apply second coat, using topping compound, feathered approximately 2 inches beyond edges of first coat. Spot fastener heads with similar coat. Allow to dry.
- D. Third Coat Application: After second coat is dry, sand lightly. Apply a thin finishing coat, using topping compound, feathered approximately 2 inches beyond edges of first coat. Spot fastener heads with a similar coat. Allow to dry.
- E. Apply joint treatment to butt and end joints, feathering approximately 18 inches.
- F. Finishing Inside Corners: Fold tape along center crease. Butter both sides of corner with joint compound and apply tape. Apply second and third coats.

3.5 FINISHING BEADS AND TRIMS:

- A. Apply joint compound to all bead and trim and properly feather out from high point to plane of surface. Allow to harden.
- B. Apply second coat in same manner as first coat, extending topping compound slightly beyond onto face of panel.
- C. Apply finish coat to all bead and trim, extending topping compound slightly beyond the second coat and properly feathering from high point to plane of surface. Sand finish coat as necessary when dry to provide a flat, smooth surface ready for decoration.

- 3.6 PATCHING: Correct all surface damage and defects, leaving work smooth, uniform, without observable blemishes which will show through the surface finish, and ready for painting.

END OF SECTION 09251

SECTION 09900

PAINTING

PART 1: GENERAL

1.1 PROVISIONS

- A. Reference is made to Division 1 - General Requirements which form a part of this Contract.

1.2 SCOPE

- A. Furnish all labor, materials, scaffolding, tools and equipment necessary to complete painting, sealing and filling requirements of the project as indicated on the drawings and described in these specifications.
- B. Interior Items (not limited to:)
 - 1. Remarks and notes on Architectural drawings for general areas requiring painting.
 - 2. Drywalls walls, bulkheads, and ceilings.
 - 3. Access doors and panels, electrical panels, miscellaneous trim and surfaces not pre-furnished or excluded specifically.
 - 4. Mechanical grilles, registers, diffusers, electrical panels, etc., furnished in prime coats. Paint to match adjacent surfaces.

1.3 RELATED DOCUMENTS:

Drawings and general provisions of Contract, including General and Supplementary General Provisions and Special Conditions, and Division 1 Specification sections, apply to work of this section.

1.4 LIST OF PROPOSED MATERIALS

- A. No claim by the Contractor as to the unsuitability or unavailability of any materials specified, or his unwillingness to use same, or his inability to produce first class work with same, will be entertained.

1.5 RELATED WORK

- A. The following items of related work are specified and included in other sections of these specifications:
 - 1. Section 09251 - Gypsum Drywall
- B. Painting is not required on prefinished items, finished metal surfaces, concealed surfaces, operating parts, and labels. Items not included in this specification are:
 - 1. Fixture items, except as noted on drawings.
 - 2. Anodized aluminum surfaces.

1.6 SUBMITTALS

- A. Samples: Prepare duplicate 12" x 12" samples for each color selection for each type of paint per schedules for this section. One approved sample of each color shall be kept at the job office.
- B. Manufacturer's Literature: Submit for approval manufacturer's complete descriptive data on all materials to be used.

1.7 DELIVERY AND STORAGE

- A. Deliver in manufacturer's original unopened containers, labeled with product description and instructions.
- B. Store flammable materials in tightly closed containers set in well ventilated spaces.

1.8 PROTECTION OF OTHER WORK

- A. The Painting Contractor shall furnish and lay drop cloths in all areas where painting is being done to protect floors and other work from damage. He shall be responsible for any damage to other work and shall replace any materials which have been damaged to such an extent that they cannot be restored to their original condition. All damage must be repaired to the satisfaction of the Architect.

1.9 JOB CONDITIONS

- A. Apply exterior paint only when temperature exceeds 50 degrees F. and drying conditions are good and predicted to remain so for at least 24 hours.
- B. Apply interior paint only when inside temperature exceeds 60 degrees F. and will be maintained above the point until paint has dried.
- C. Ventilate interior during application and drying.
- D. Before painting is started in any area, the area shall be broom cleaned and excessive dust shall be removed from all areas to be painted. All painting operations begin in a given area, clean only with commercial vacuum cleaning equipment.
- E. Adequate illumination shall be provided in all areas where painting operations are in progress.

1.10 INSPECTION OF SURFACES

- A. Before starting any work, surfaces to receive paint finish shall be examined carefully for defects which cannot be corrected by the procedures specified herein under "Preparation of Surfaces" and which might prevent satisfactory painting results. Work shall not proceed until such damages are corrected.
- B. The commencing of work in a specific area only shall be construed as acceptance of the surfaces, and thereafter this Contractor shall be fully responsible for satisfactory work as required herein.

1.11 COOPERATION WITH OTHER TRADES

- A. This work shall be scheduled and coordinated with other trades and shall not proceed until other work and/or job conditions are as required to achieve satisfactory results.
- B. The Contractor shall examine the specifications for the various other trades and shall thoroughly familiarize himself with all their provisions regarding painting. All surfaces that are left unfinished by the requirements of other sections except "Items not Included" in this Section, shall be painted or finished as part of the work covered by this Section.

PART 2: PRODUCTS

2.1 PAINT SCHEDULE

- A. Materials shall be manufacturer's best grade, low odor/low VOC products, of respective types. Indicated along side of a few manufacturers are some examples of "Best Grade". Grade level shall be applicable to all types of paints specified hereinafter.
- B. Interior Paint Systems:
1. Interior Gypsum Wallboard:
1 coat Latex Wall Primer
1 coat Latex Semi-Gloss Enamel
 2. Interior Concrete a Masonry Units:
1 coat Surface Filler
1 coat Latex Emulsion
1 coat Latex Semi-Gloss Enamel (Apply filler coat at a rate to ensure complete coverage with pores filled.
 3. Interior Metal:
2 coats Alkyd Satin
 4. Interior Wood (painted):
1 coat Enamel Undercoat
2 coats Alkyd Semi-Satin Enamel
 5. Cast-In- Place Concrete:
1 coat of Latex Masonry Block Filler
2 tinted coats of Acrylic Latex Semi-Gloss Enamel
 6. Wood Doors - Painted:
1 coat Enamel Undercoat
2 tinted coats of Alkyd Semi- Gloss Enamel
 7. Ferrous Metals:
Touch up Prime Coat
2 tinted coats of Alkyd Enamel Semi- Gloss
 8. Wood Cabinets, Shelves, etc, - exposed surfaces.
1 coat Primer-Sealer

1 coat Enamel Undercoat
1 coat Alkyd Enamel Semi-Gloss Enamel

9. Concrete Floor:
1 Coat Concrete Conditioners
2 Coats Polyurethane Coatings

C. Exterior Paint Systems

1. Galvanized Metals:
Touch up Prime Coat
2 tinted coats Exterior Alkyd Enamel High-Gloss Enamel
2. Ferrous Metals:
Touch up Prime Coat
2 tinted coats Exterior Alkyd Enamel High-Gloss Enamel
3. Aluminum:
1 Coat Zinc Chromatic Primes
2 Coats High Gloss Alkyd Enamel
4. Concrete, Stucco and Masonry
1 Coat Acrylic Emulsion
1 Coat Acrylic Emulsion (not less than 2.5 mils dry film thickness)

D. Acceptable Manufacturers are:

1. Benjamin Moore, 51 Chestnut Ridge Road, Montvale, NJ 07645
2. Devoe and Reynolds, 4000 Dupont Circle, Louisville, KY
3. Porter Paints
4. Glidden, 925 Euclid Avenue, Cleveland, OH 44115
5. Pittsburg Paints, One PPG Place, Pittsburg, PA 15272
6. Pratt & Lambert, P.O. Box 1505, Buffalo, NY 14240
7. Sherwin-Williams, Cleveland, OH 44101

- C. Gloss levels for paints required are as follows (ref. National Paint & Coating Association - NPCA):

<u>Sheen Level</u>	<u>Test Method</u>	<u>Gloss Range</u>
Flat	85 degree meter	Below 15
Eggshell	60 degree meter	5 to 20
Satin	60 degree meter	15 to 35
Semi-Gloss	60 degree meter	30 to 65
Gloss	60 degree meter	Over 65

- D. Mixing or tinting shall be done at factory.

2.2 APPLICATION EQUIPMENT

- A. Provide all required ladders, scaffolding, drop cloths, maskings, scrapes, tools, sandpaper, dusters, cleaning solvents, and waste as required to perform the work and achieve the results specified herein.

PART 3: EXECUTION

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3.1 METHODS:

- A. It is the intent that the above brand names and types of materials will give complete coverage with uniform appearance. If any additional coat is necessary for complete coverage and appearance, it shall be done at no additional cost to the Owner.
- B. All paints, new stock, delivered to job unopened. Prepare surfaces properly for receiving paint, protect adjacent surfaces not to be painted.
- C. Use of brushes, rollers or sprays is permissible, where applicable, upon approval by Architect.
- D. Surfaces clean, dry, and in proper condition for painting. All work carefully done by skilled mechanics. Finished surfaces uniform in coverage, gloss, finish and color, and free from brush marks. All coats shall be thoroughly dry before applying succeeding coats.

END OF SECTION 09900

SECTION 15700 SPLIT SYSTEM AIR CONDITIONING

PART 1 - GENERAL

1.01 DESCRIPTION

- A. The elevator machine room shall be provided with an independent air-conditioning system to protect against the overheating of the electrical equipment. The system shall be capable of dissipating a heat load of 18,500 BTU/hr and maintaining temperatures within the range established for the elevator equipment by the manufacturer.
- B. This work to be performed by licensed electricians and/or air conditioning contractors.

1.02 RELATED DOCUMENTS:

Drawings and general provisions of Contract, including General and Supplementary General Provisions and Special Conditions, and Division 1 Specification sections, apply to work of this section.

1.03 SYSTEM OPERATION

- A. The air conditioning means shall be independent of the other building climate control systems and the thermostatic device controlling this system shall be located within the elevator machine room.
- B. The air conditioning system shall be calculated to dissipate the heat load created by the elevator equipment located in the machine room during summer months at peak demand.
- C. Upon activation of the air conditioning system the machine room temperature and humidity shall not exceed 85 degrees Fahrenheit at 75% non-condensing.
- D. A suitable system power supply circuit shall be provided within the machine room as requested.

PART 2- PRODUCTS

2.01 Equipment

- A. The air conditioning system installation, thermostatic controls, switch/breaker, conduit, and wiring shall meet the requirements of NFPA-70, National Electrical Code and The Florida Building Code Chapter 3006.2.

PART 3 - INSTALLATION

3.01 COORDINATION

- A. It will be the Contractor's responsibility to coordinate components being furnished under this contract with the existing systems. Failure of the Contractor to thoroughly investigate existing conditions shall not warrant additional expense to the Owner.

END OF SECTION 15700

SECTION 16723 –FIRE ALARM SYSTEM EXTENSION

PART 1 – GENERAL

A certified fire alarm installation firm will make alterations to any existing fire system, or install a system, to recall the elevators in the event of a fire. The system shall conform to the following:

1.01 DESCRIPTION

A. Automatic Fire Alarm Initiating Devices

1. Smoke detectors are required in the elevator machine room, the top of the hoistway if there are fire sprinklers at the top of the hoistway, and all fully enclosed elevator lobbies.
2. Heat detectors rated for open-air environments are required in all open-air lobbies.

1.02 RELATED DOCUMENTS:

Drawings and general provisions of Contract, including General and Supplementary General Provisions and Special Conditions, and Division 1 Specification sections, apply to work of this section.

1.03 SYSTEM OPERATION

- A. Fire Alarm system supervisory faults, such as shorts, opens, and grounds in conductors, operating power failure, or faults within supervised devices, shall cause an audible and visual trouble indication at the control panel. It shall be possible to silence the audible trouble signal once the trouble is correct. If the control panel is not mounted in a common or occupied area, a remote audible and visual trouble indication shall be located in a common or occupied area.
- B. Manual: Upon activation of the fire alarm system by any smoke detector in the elevator machine room or hoistway, the following shall take place;
1. Initiate Phase I Recall of the elevators to the lowest landing – Primary recall floor
 2. Flash the visual “Fireman’s Hat” indicators in both elevator cars.
- C. Upon activation of the fire alarm system by an automatic fire initiating device (smoke detector or heat detector) in the elevator lobbies directly in front of the elevator entrance at the lowest level, the following shall take place;
1. Initiate Phase I Recall of the elevators to the 2nd landing – Alternate recall floor (not the Mezzanine).

D. Upon activation of the fire alarm system by an automatic fire initiating device in the elevator lobbies directly in front of the elevator entrances at levels other than the lowest landing or Primary Recall Floor, the following shall take place;

1. Initiate Phase I Recall of the elevators to the lowest landing – Primary recall floor

1.04 WIRING

- A. All fire alarm system wiring within the elevator spaces shall be installed in conduit. All work and components required for the existing system to accept the additional components shall be included or not specifically specified or shown for a complete and operable system. Fire alarm system wiring shall be in accordance with NFPA 70-2008.
- B. Device and wiring shall be compatible with and UL listed for use on any existing system.

PART 2- PRODUCTS

2.01 AUTOMATIC FIRE ALARM INITIATING DEVICES

- A. General: The detectors shall meet the requirements of NFPA-72, National Fire Alarm Code.

2.02 WIRING

- A. All conductors installed shall be of quantity and color code required to match the existing fire alarm system.

PART 3 - INSTALLATION

3.01 COORDINATION

- A. It will be the Fire Alarm Contractor's responsibility to coordinate components being furnished under this contract with the existing system. Failure of the contractor to thoroughly investigate existing conditions shall not warrant additional expense to the Owner.

3.02 CERTIFICATION

- A. Provide fire alarm certification by the fire alarm system contractor in accordance with NFPA 72 and label in compliance with Chapter 4A-48 F.A.C.

3.04 ELEVATOR RECALL AND DETECTION SYSTEM

- A. Installation: Contractor shall provide all conduit wiring and associated devices and detectors for Phase I recall. Three circuits with dry contacts per the elevator Contractor's requirements will be provided to provide compliance with 2.01 above.

END OF SECTION 16723