



## ADDENDUM NO. 2

### FIRE STATION NO 6 GEORGETOWN, TEXAS

DATE: December 7, 2018  
PROJECT NO: 217079.00.00

The Construction Documents on the above referenced project, dated 11/16/2017, shall be revised as follows:

#### DRAWINGS:

**Item No. 1** (RE: Sheet G1.1) INDEX OF DRAWINGS. Revised Drawing Sheet G1.1 is attached to this addendum. The Index was revised to include C11.0, C12.0, C4.4, A3.2 and E1.6 and P1.0, E1.0, E1.1 were removed as they do not exist. See attached revised **Drawing Sheet G1.1**.

**Item No. 2** (RE: Sheet S5.6) LATERAL DETAILS. Drawing Sheet S5.6 is attached to this addendum, as it was noted as missing from the bid set. See attached **Drawing Sheet S5.6**

**Item No. 3** (RE: Sheet A4.2) Finish Plan. Arizona Tile, as noted in the finish legend shall be matte when located on Floors. Please reference Interior Elevations on Drawing Sheet A3.3 to identify locations of gloss and matte tile on walls.

**Item No. 4** (RE: Sheet E0.1) PHOTOMETRIC SITE LIGHTING PLAN. This drawing sheet is attached to this addendum, as it was noted as missing from the bid set. See attached **Drawing Sheet E0.1**

#### SPECIFICATIONS:

**Item No. 5** (Table of Contents) Division 2. Page 00 01 00 – 1 of the Table of Contents includes Division 2 Sections 024116 and 028000 at the bottom of the page. These sections can be found in completion within the Specification Book.

**Item No. 6** (Specification Section 08 36 13) Upward Acting Sectional Doors. Clopay is not an acceptable equal to the specified upward acting sectional door.

**Item No. 7** (Specification Section 08 36 13) 1.03D. Both the Upward Acting Sectional Doors and the Four Fold Doors shall be controlled individually by 3-Button controls.

**Item No. 8** (Specification Section 14 12 00) Electric Dumbwaiter. The specification for the Dumbwaiter as found in Station 6 is attached to this addendum. See attached **Specification Section 14 12 00 Electric Dumbwaiter**.

**CLARIFICATION:**

**Item No. 9** (Testing Laboratory Services) The owner shall be responsible for contracting with the testing laboratory for Construction Testing Services. The contractor shall be responsible during construction for coordinating with the owner and testing laboratory as to when testing will be needed on site.

**Item No. 10** (Permit Fees) The City of Georgetown has waived the Building Permit Fee for the General Contractor. The Subcontractors, however, shall be responsible for their individual scope permits.

**Item No. 11** (Question Period) The question period has re-opened. **The new Deadline for Questions and Inquiries is now 5:00 p.m. CST on Wednesday, December 12, 2018.**

**Item No. 12** (Bid Submissions). Bids may be submitted digitally. They must be received by 2:00 pm CTS on the bid day. The time, as identified in the email, will be used to indicate whether or not the submission meets the deadline requirements. Please note, it is not the City of Georgetown’s responsibility to guarantee receipt of delivery of any digitally transferred bids. No exceptions will be made for technology failure.

**Item No. 13** (Wood products) FSC Certification is NOT required for all wood on this project.

**Item No. 14**(Drawing Sheet C9.0) Detention Basin. ACO is not an acceptable substitution for Old Castle Stormcapture as specified and designed.

**Item No. 15** (Stone Masonry) Please reference Specification Section 04 43 00 Part 2 fully describes the exterior stone.

**Item No. 16** (Sills) Antique Lueders is not an acceptable substitution for the Cave Select for the sills.

**Item No. 17** (Conduit Pathways above High Bays) All cabling above the High Bays shall run 100% within conduit and boxes. The contractor shall provide all equipment necessary for installation.

**Attachments: Drawing Sheet G1.1, Drawing Sheet S5.6, Drawing Sheet E0.1, Specification Section 14 12 00 Electric Dumbwaiter**

END OF ADDENDUM NO.2\*\*\*\*\*

## **SECTION 141200 – ELECTRIC DUMBWAITER**

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### **PART 1 - GENERAL**

#### **1.01 RELATED DOCUMENTS**

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

#### **1.02 SUMMARY**

- A. This section includes power dumbwaiters and self-supporting dumbwaiter structures.
- B. Related sections include the following.
  - 1. Division 05 Section “Cold-Formed Metal Framing.”
  - 2. Division 09 Section “Painting.”
  - 3. Division 09 Section “Gypsum Board.”
  - 4. Division 26 Sections for electrical service to dumbwaiters, including disconnect switches.

#### **1.03 PERFORMANCE REQUIREMENTS**

- A. Speed: 50 fpm.
- B. Capacity: 300 lbs.
- C. Car size: 30 inches wide by 30 inches deep by 40 inches high.
- D. Doors: Bi-Parting
- E. Stops: 2
- F. Openings: 2 (1 at each level, opposite sides), height as indicated on drawings.

#### **1.04 SUBMITTALS**

- A. Product Data: Include capacities, sizes, performances, operations, safety features, Controls, finishes for dumbwaiters.
- B. Shop Drawings: Include plans, elevations, sections, details and attachments to other work.
- C. Samples for initial selection: For units with factory-applied color finishes.

- D. Product certificates for each type of dumbwaiter, signed by product manufacturer.
- E. Qualification Data: for installer.
- F. Operation and Maintenance data: for dumbwaiters to include in emergency, operations and maintenance manual.

### **1.05 QUALITY ASSURANCE**

- A. Installer Qualifications: Dumbwaiter manufacturer or qualified installer approved by dumbwaiter manufacturer.
- B. Regulatory Requirements: Comply with ASME A17.1 & CSA B44 Codes.
- C. Fire Rated Door Assemblies: Door and frame assemblies comply with NFPA 80 that are listed and labeled by a testing and inspection agency acceptable to authorities having jurisdiction, for the fire-protection ratings indicated, based on testing at as neutral pressure as possible according to NFPA 252.
  - 1. Hoistway Door Rating: As indicated on drawings.
  - 2. Access Door Rating: As indicated on drawings.
- D. Electrical Components, Devices and Accessories: Listed and labeled as defined in NFPA 70 article 100, by a testing agency acceptable to authorities having Jurisdiction and marked for intended use.

### **1.06 MAINTENANCE SERVICE**

- A. Initial Maintenance Service: Beginning at substantial completion, provide one year's full maintenance service by skilled employee of dumbwaiter installer. Include monthly preventive maintenance, repair or replace worn or defective components, lubrication, cleaning and adjusting as required for proper dumbwaiter operation at rated speed and capacity. Provide parts and supplies same as those used in the manufacture and installation of original equipment.

## **PART 2 - PRODUCTS**

### **2.01 MANUFACTURERS**

- A. Available manufacturers: Subject to compliance with requirements, manufacturers offering products that may be incorporated into the work include, but are not limited to, the following:
  - 1. Elevation Innovation Inc. (877) 345-4387 [www.eilifts.com](http://www.eilifts.com)

### **2.02 MATERIALS AND COMPONENTS**

- A. General: Provide manufacturer's standard pre-engineered dumbwaiters. Where not otherwise indicated, provide manufacturer's products as indicated in published product literature as required for complete dumbwaiter system.
  
- B. Systems and machinery:
  - 1. Driving Machine Type: Manufacturer's standard – winding drum.
  - 2. Hardware: Attachments required for fastening guide-rail and other dumbwaiter components to structural building framing.
  - 3. Machine Location: Locate dumbwaiter machine inside shaft at bottom of hoistway.
  - 4. Electrical Requirements: As indicated on drawings, coordinate with manufacturer's power requirements, and notify Architect immediately of any discrepancies.
  
- C. Control system: Fully automatic allowing car to be sent or called from any floor. Terminal limit switch provided for by final. Car stop is automatic at landing levels. Door interlocks for hoistway doors to prevent operation of the dumbwaiter unless doors are closed and to prevent opening of any door except when the car is at that landing.
  
- D. Leveling tolerance: Provide car stopping system with ½ - inch (13mm) leveling Tolerance, regardless of load or direction of travel.
  
- E. Provide the following materials and finishes for exposed surfaces of dumbwaiter car, enclosures, car doors, hoistway doors and frames and signal equipment.
  - a. Stainless Steel.
  
- F. Car construction: Manufacturer's standard.
  
- G. Hoistway Doors and Frames: Manufacturer's standard
  - 1. Frames: Stainless Steel
    - a. Frames of depth and profile indicated to coordinate with hoistway wall construction.
    - b. Formed metal sill members of not less than 0.0598-inch(1.5mm) thickness.
    - c. Frame material: Stainless Steel
    - d. Doors: Bi-Parting Stainless Steel
    - e. Car Gate: Bi-Parting Stainless Steel
  
- H. Signal Equipment: Manufacturer's standard signal equipment at each landing push-button station; include call / send button for each landing served, and illuminated "car- in-use" and arrival flashing signal.

## **2.03 FINISHES GENERAL**

- A. Comply with NAAMM's "Metal finishes manual for architectural and metal products" for recommendations for applying and designating finishes.

## **PART 3 - EXECUTION**

### **3.01 EXAMINATION**

- A. Examine conditions, with installer present, for compliance with requirements for hoistway installation tolerances and other conditions affecting performance at work.
  - 1. Proceed with installation only after unsatisfactory conditions have been corrected.

### **3.02 INSTALLATION**

- A. Comply with manufacturer's written instructions.
- B. Alignment: Coordinate hoistway doors with dumbwaiter travel and car positioning for accurate alignment and minimum clearance between car, hoistway doors, sills, and door frame at each level.
- C. Lubricate operating parts of dumbwaiter to manufacturer's recommendation.

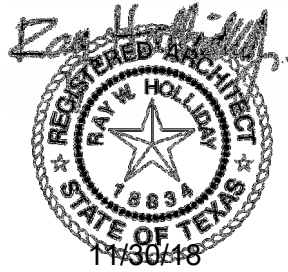
### **3.03 FIELD QUALITY CONTROL**

- A. Test-operate dumbwaiter continuously between lowest and highest landings served, hoisting full rated capacity load for a minimum of 30 minutes. Re- adjust car tops and other devices and signal equipment for accurate landings and operation of systems after completing test.

### **3.04 DEMONSTRATION**

- A. Engage a factory-authorized service representative to train Owners maintenance personnel to operate, adjust and maintain dumbwaiters.

**END OF SECTION 14 12 00**



## ADDENDUM NO. 2

### FIRE STATION NO 7 GEORGETOWN, TEXAS

DATE: December 7, 2018  
PROJECT NO: 218044.00

The Construction Documents on the above referenced project, dated 11/16/2017, shall be revised as follows:

#### DRAWINGS:

**Item No. 1** (RE: G1.1) INDEX OF DRAWINGS: Revised Drawing Sheet G1.1 is attached to this addendum. The index was revised to include A4.2. See attached revised **Drawing Sheet G1.1**

**Item No. 2** (RE: Sheet S1.0) Dimensions: Drawing Sheet S1.0 notes the dimensions to the Expansion Joint between the 8" slab of the apparatus bays and the 6" slab of the living side of the fire station. These dimensions and Detail 10/S5.0 provide information to quantify the slab areas for each half of the building.

**Item No. 3** (RE: Sheet 5.0) Detail 10. The typical expansion joint detail does not dimension the slab depth. Where the 8" slab meets the 6" slab, the finish floor elevations shall be equal to provide a continuous floor elevation between the living side of the fire station and the apparatus bays.

**Item No. 4** (RE: Sheet A7.1) Finish Plan. Arizona Tile, as noted in the finish legend shall be matte when located on Floors. Please reference Interior Elevations on Drawing Sheet A5.1 to identify locations of gloss and matte tile on walls.

#### SPECIFICATIONS:

**Item No. 5** (Specification Section 14 12 00) Electric Dumbwaiter. The specification for the Dumbwaiter as found in Station 7 is attached to this addendum. See attached **Specification Section 14 12 00 Electric Dumbwaiter**.

#### CLARIFICATION:

**Item No. 6** (Testing Laboratory Services) The owner shall be responsible for contracting with the testing laboratory for Construction Testing Services. The contractor shall be responsible during construction for coordinating with the owner and testing laboratory as to when testing will be needed on site.

**Item No. 7** (Permit Fees) The City of Georgetown has waived the Building Permit Fee for the General Contractor. The Subcontractors, however, shall be responsible for their individual scope permits.

**Item No. 8** (Question Period) The question period has re-opened. The Deadline for Questions and Inquiries is now 5:00 p.m. CST on Wednesday, December 12, 2018.

**Item No. 9** (Fly Ash). Fly Ash may be used up to 25% replacement of Portland Cement, as per Concrete Note 4 on Drawing Sheet S0.0.

**Item No. 10** (Wood products) FSC Certification is NOT required for all wood on this project.

**Item No. 11** (Drawing Sheet C9.0) Detention Basin. ACO is not an acceptable substitution for Old Castle Stormcapture as specified and designed.

**Item No. 12** (Stone Masonry) Please reference Specification Section 04 43 00 Part 2 fully describes the exterior stone.

**Item No. 13** (Sills) Antique Lueders is not an acceptable substitution for the Cave Select for the sills.

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**Attachments: Drawing Sheet G1.1, Specification Section 14 12 00 Electric Dumbwaiter**

END OF ADDENDUM NO.2\*\*\*\*\*



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- D. Product certificates for each type of dumbwaiter, signed by product manufacturer.
- E. Qualification Data: for installer.
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  - 3. Machine Location: Locate dumbwaiter machine inside shaft at bottom of hoistway.
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- C. Control system: Fully automatic allowing car to be sent or called from any floor. Terminal limit switch provided for by final. Car stop is automatic at landing levels. Door interlocks for hoistway doors to prevent operation of the dumbwaiter unless doors are closed and to prevent opening of any door except when the car is at that landing.
  
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    - c. Frame material: Stainless Steel
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## **PART 3 - EXECUTION**

### **3.01 EXAMINATION**

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- C. Lubricate operating parts of dumbwaiter to manufacturer's recommendation.

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### **3.04 DEMONSTRATION**

- A. Engage a factory-authorized service representative to train Owners maintenance personnel to operate, adjust and maintain dumbwaiters.

**END OF SECTION 14 12 00**