



## ADDENDUM #4

**Name of Project:** Fire Station No. 5 Renovation and Addition  
**ADG Project Number:** 1006-17

**Issue Date:** July 11, 2020  
**Architect:** Architects Design Group, Inc.  
**Owner:** Longview, Texas  
**Subject:** Addendum #4

This Addendum forms a part of the Contract and corrects or modifies original Bid Documents, dated June 5, 2020. All bidders shall acknowledge receipt of this and all other Addenda on page P-4 of the Bid Proposal. Failure to do so may subject bidder to disqualification. All provisions of the original plans, specifications, and contract documents shall remain in full force and effect, except as modified by this addendum. There is no change to the bid date.

**RECEIPT OF THIS ADDENDUM SHALL BE ACKNOWLEDGED ON THE BID FORM.**

**PLEASE INSERT THIS ADDENDUM IN THE PROJECT MANUAL AND DRAWINGS.**

***Any proposals that do not include this signed addendum shall be considered Non-Responsive.***

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1. Documents: Civcast Q/A Responses  
Division 21 Specification
2. Drawings

## 1. DOCUMENTS:

- Addendum #4 – Civcast Q/A
- Division 21 Specification

## 2. DRAWINGS: (Modified or Add Sheet to Contract Drawings as noted below):

- COVERSHEET
- A-001 – ARCHITECTURAL SITE PLAN – FOR REFERENCE ONLY
- A-012 – ENLARGED SITE PLAN DETAILS
- A-013 – ENLARGED SITE PLAN DETAILS
- A-101 – OVERALL FIRST FLOOR PLAN
- A-102 – ELEVATED MECH AND TRAINING TOWER PLANS
- A-121 – ROOF PLAN
- A-201A – EXTERIOR ELEVATIONS
- A-201B – EXTERIOR ELEVATIONS
- A-202 – TRAINING TOWER ELEVATIONS
- A-313 – ENLARGED PLAN – CONNECTOR/ CANOPY
- A-314 – WALL SECTIONS – CONNECTOR
- A-321 – ROOF + VERTICAL DETAILS
- A-373 – ENLARGED EXTERIOR DETAILS @ CONNECTOR
- A-401 – VERTICAL CIRCULATION DETAILS
- A-501 – WINDOW AND LOUVER ELEVATIONS
- A-511 – WINDOW DETAILS
- A-512 – EXISTING WINDOW AND LOUVER DETAILS
- A-513 – LOUVER DETAILS
- A-601 – DOOR SCHEDULES AND NOTES
- A-611 – DOOR DETAILS-INTERIOR
- A-612 – DOOR DETAILS-EXTERIOR
- C-100 – DEMOLITION SITE PLAN
- S-2.01 – FOUNDATION PLAN
- M-1.01 – FLOOR PLAN - LEVEL ONE

### \*ARCHITECTURAL ADDENDUM NOTES:

- STRIKE OUT 'NON-COMBUSTIBLE' IN NOTE #8 ON SHEET A-G100

- PLEASE REVISE TOP OF PARAPET AT TRAINING TOWER FROM 33'-4" TO 34'-8". SHEETS IMPACTED: A-202, A-321 (DETAILS 4&5), A-401

- FOR COLUMN GRIDS AND DIMENSIONS ON SHEETS A-101A, A-101B, A-102, A-111, and A-111A REFER TO A-101 AND STRUCTURAL S-2.01 S-2.02 AND S2.03

\*ELECTRICAL ADDENDUM NOTES:

-PROVIDE A 20A/2P CIRCUIT BREAKER AND REPLACE (2) 20A/1P SPARE CIRCUIT BREAKERS IN PANEL P6. SERVE DOOR WITH 1/2" C, 4 #10 FOR POWER AND A 3/4" C FOR DATA FOR DOORS: 154B, 148H,148L, 148M, 120A, 120B, 120C.

END OF ADDENDUM #4

## CIVCAST Q/A RESPONSES\_Addendum#4\_07.10.2020

#5. How deep do they want the undercut below the FF elevation G - 10' or 12' deep. And due to the limited space and depth of undercut, not for sure you could get a loaded Dump Truck to proof roll sub-base so what else would be satisfactory to proof roll with? French Drain at the bottom of the undercut. Who would install this Drain system, and how deep would they allow the 1st lift to be on top of this French Drain? Do they require Lime Stabilization below the paving areas, and if so what percentage and depth is required? Due to the size of these areas are there any other options?

All those requirements should be outlined in our structural notes. It is a rather deep excavation, but it needs to be proof-rolled as indicated in the structural notes.

Lime stabilization is required as shown on the typical pavement sections on sheet C-109. As an alternative pavement section with no lime treated subgrade, moisture condition existing subgrade and re-compact to 95% standard proctor density and add two additional inches of pavement at no additional cost to the Owner. (i.e. 5" concrete section would become 7" and 10" concrete section would become 12").

#6. See specification section 102800 (Toilet Accessories) which calls out each item as TA.1, TA.2, TA.3 etc.. Now see floor plan sheets A-131 and A-132 in restrooms that call out each item as A.1, A.2, A.3 etc.. which in no way matches what is called out in section 102800 (Toilet Accessories)? Please have the specs match the plans so we know what to quote.

What is shown in plan is correct. Please disregard the designation for toilet accessories included in the specifications section 10 28 00 and refer to the schedule in the drawings.

#13-3. In section 230553 Identification for HVAC Piping and Equipment it states that the painting is specified in Division 9, in the Interior Painting Section, but there is no interior painting section, please advise... If they do paint, what color will they be? Also, P-500 Plumbing Risers has a note that they total developed length for the gas system is 200ft, please confirm.

Exposed ductwork will not need to be painted. The total developed length is confirmed at 200ft per IFGC gas chart.

#13-4. There is no note about painting the gas lines in the specs and on plan pg P-300 Plumbing Schedules and Legend there is a note that no piping shall run exposed in the finish areas, please confirm.

Gas piping shall be painted yellow and labeled as natural gas. Natural gas lines in the building shall adhere to the governing code per Plumbing General Note #1 on Sheet P-300.

**#14-See Q/A at the end of the report.**

#20. L101 notes a quantity of 2 LG (Little Gem Magnolia), but there are 7 shown on the drawing. Please clarify.

Contractor should include seven (7) Little Gem Magnolias in their bid.

#21. Is there a basis of design model for the sectional doors? Door type D7 is noted as an aluminum door, but the drawings show a flush sectional door with aluminum glass section. Please clarify.

The door is shown correctly in the drawings as a flush sectional door with aluminum glass section. Addendum #4 provides the correction for this specification.

#22. Specification section 08 33 23 coiling service door part 2.08A notes a sectional door. Please provide a basis of design and clarify.

Please provide a door model RapidSlat Model 626 Stormtite Insulated Doors by Overhead Door Corporation for the exterior overhead doors and Light Commercial Doors: Overhead Door Corporation, Model 600 Coil-Away interior Service Doors.

#24. Door 154B will this be motor operated or manual chain hoist operated?

Motor operated. For each door that requires an electrical connection. Provide a 20A/2P circuit breaker and replace (2) 20A/1P spare circuit breakers in Panel P6. Serve door with 1/2" C, 4 #10 for power and a 3/4" C for data.

#27. Will you provide specifications sections for Division 21?

Refer to Addendum #4 Division 21 attachment.

#31. We could not find any specs on the stainless-steel countertops or stainless-steel cabinets. Should I assume 16-gauge #4 brushed finish for the countertops and 18 gauge #4 for the cabinets?

All sheet metal cabinet components shall be fabricated from Type 304 stainless steel with a #4 brush finish on all exposed surfaces. All side walls of cabinets to be 18-gauge stainless steel. All other components to be 20-gauge Stainless steel.

#32. The specs show the exterior glass to be impact resistant insulated laminated glass to Level "E" and the drawings show the glass to be laminated & insulated large missile hurricane Impact to Level "D". These types of glass are usually used in Florida and the East Coastal areas. I want to confirm that impact resistant glass is what we are to quote and if so, to what level "E" or "D"?

Please disregard the requirements for impact glazing LEVEL E and provide "IMPACT RESISTANT INSULATED LOW "E" GLASS, LEVEL D.

#35. In the specifications it allows copper or CPVC for the above Grade water piping, in the addendum 5 there was an answer of no PVC above grade for the drains and vents. Is it the same for the water? Will CPVC be accepted?

CPVC is acceptable for above grade piping

#38. Same details – what is the spacing interval between the 9” z girts? Are the girts only attached to the masonry or does it also attach to the continuous bent plate?

Girts will attach to the continuous bent plate

#39. Do gate operators require traffic loops (in ground) or visual sensors for automatic open?

Traffic loops (in ground)

#40. 1) The specs show the exterior glass to be impact resistant insulated laminated glass to Level “E” and the drawings show the glass to be laminated & insulated large missile hurricane Impact to Level “D”. These types of glass are usually used in Florida and the East Coastal areas. I want to confirm that impact resistant glass is what we are to quote and if so, to what level “E” or D”?

Please disregard the requirements for impact glazing LEVEL E and provide “IMPACT RESISTANT INSULATED LOW “E” GLASS, LEVEL D

#42. A401 detail 4 & 5 shows a cast-in-place concrete lintel. Please provide cast-in-place concrete reinforcement details as well as how the lintel will be attached to the top of the CMU/Brick wall.

Refer to typical masonry details S4.01 (DETAIL #2)

#43. Where do the gutters that are on the west and east side of the new building, behind the standing seam wall, that are shown on Page A-311 and A-372 drain?

The gutter on the west side drains on to the river rock at the south side of the building. The gutter on the east side of the building drains down a spout located on the north end into a gutter located underground that travels and drains on the north side of the site on to W. Niblick Rd.

#44. THERE ARE C.M.U WALLS SHOWN ON A-101A (APPARATUS BAYS) THAT APPEAR TO BE 12" BUT NOT CLEARLY DEFINED BY WALL TYPE. PLEASE CLARIFY.

Refer to S2.01 Foundation Plan for exterior CMU wall requirements.

#45. THERE ARE C.M.U. WALLS SHOWN ON A-101A (BUNK AREA, RISER ROOM, MECHANICAL, DAY ROOM, R.R.124) THAT ARE NOT CLEARLY NOTED. PLEASE CLARIFY.

Refer to S2.01 Foundation Plan for exterior CMU wall requirements.

#46. SPLIT FACE C.M.U. ENCLOSURE WALL IS SINGLE WYTHE AND HAS TWO EXPOSED FACES. ARE THE BLOCK UNITS SUPPOSED TO HAVE BOTH FACES FINISHED, DBL. FACE?

The free standing CMU wall should be provided with split face CMU wall, ONLY to the exterior face of the generator enclosure.

#47. WALL CAPS ARE NOTED AS CONCRETE. PLEASE CLARIFY IS THE BASIS OF DESIGN A CAST IN PLACE CONCRETE CAP OR PRECAST CAST STONE?

Cast in place concrete.

#48. THE 8" CMU WALL CONSTRUCTION DOES NOT SHOW ANY INTERIOR INSULATION AND HAS A 2" RIGID BOARD INSULATION ON THE CMU, BUT NOT ANY DAMPROOFING OR AIR BARRIER WHICH ORDINARILY IS BEHIND THE INSULATION BOARD AND NEXT TO THE C.M.U. PLEASE CLARIFY.

Refer to sheet A-371 Detail #2. Fluid applied air barrier system typical @ all exterior CMU wall conditions.

#49. THE 12" CMU WALL CONSTRUCTION CALLS FOR BLOCK CELL FOAM INSERTS AND NOT ANY RIGID BOARD INSULATION. THERE IS NOT ANY DAMPROOFING ON THE C.M.U. OR AN AIR / VAPOR BARRIER. INJECTED FOAM INSULATION IS SUBSTANTIALLY MORE EFFECTIVE AND LESS COSTLY THAN THE FOAM INSERTS. PLEASE COORDINATE

We will apply condition shown in sheet A-371 Detail #2 for all exterior CMU conditions.

#50. IS THERE A SECTION THROUGH THE SIGNAGE BACKUP WALL THAT INDICATES HOW MUCH BELOW FINISH GRADE THE MASONRY STARTS?

Refer to Detail #8 on S4.02 for foundation requirements.

#51. WHAT IS THE REFERENCE TO "CORAL STONE" AND "STONE MASONRY ANCHORED TO UNIT MASONRY BACKUP? THE ONLY VENEER CALLED OUT IS THE BASIS OF DESIGN CLAY BRICK (MODULAR SIZE, CHARCOAL COLOR BY OLD TEXAS BRICK). PLEASE CLARIFY

Please disregard references to Coral Stone and Stone masonry anchoring for this project.

#52. WHAT IS THE REFERENCE TO CEMENTITIOUS DAMPPROOFING (FOR LIMESTONE) WITH REGARDS TO THE MASONRY COMPONENTS? IS THERE CAST STONE ON THIS PROJECT SUCH AS THE WALL CAPS ON SHEETS A-012 & A-013?

Cast in place concrete- not cementitious

#53. PLEASE CLARIFY THE REFERENCE TO "SHEET METAL ANCHOR SECTIONS AND OTHER SHEET METAL PARTS FROM 0.109-INCH-(2.78-MM-) THICK, STAINLESS-STEEL SHEET." AND FABRICATE WIRE TIES FROM STAINLESS-STEEL WIRE UNLESS OTHERWISE INDICATED. AND FABRICATE WIRE CONNECTOR SECTIONS FROM STAINLESS-STEEL WIRE." IF THE CONTRACTOR'S OPTION IS TO PROVIDE ANY OF THE ADJUSTABLE MASONRY VENEER ANCHORS SPECIFIED WHERE ARE THE ANCHORS INDICATED UNDER THIS SECTION?

Please provide standard masonry anchors meeting the exterior wall assembly for brick veneer and CMU masonry wall.

#54. Verify that mechanical yard is not paved(concrete) but yard is grass except for various mechanical and generator pads.

Yard is paved concrete.

#55. There are 54 questions. Only 12 have been answered and there is supposed to be an Addendum 4 per Q 12. Will there be a bid date extension to provide the GCs and subcontractors adequate time to review and address them?

Not applicable.

#56. A314...section cut of canopy. Is there s spec for the type of soffit panels being called for? Please advise.

This is an exposed structure. There is no soffit only structure and roof system.

#57. As specified on page A-201 A, Detail 4 on page A-371, there is no information on the metal panels. Could we get manufacturer, type/models, finish and specs on installation?

Please provide Aluminum Sunshade Devised meeting the structural loads and dimensions shown on the drawings.

#58. Please clarify which Pot Rack is to be provided the equipment schedule mentions Eagle Group CMXXXPR

Eagle Group CM60APR-X

#59. Drawing A-111 notes a wall mount fan (typical). What product is this? The electrical power plan does not have a circuit to these items. Please clarify.

HIGH VOLUME, LOW SPEED FANS – BIG ASS FANS POWERFOIL®X3.0

#60. G100 Note 8 says all blocking to be noncombustible. Please clarify

We will strike noncombustible from the note.

#61. ID-202 Detail 9 – is this vinyl wall decal OFOI? If not is there a company that already has the graphic?

Owner will provide this graphic.

### MEP

Substitution Requests.

Lennox will be an acceptable manufacturer for the rooftop units.

Qmark will be an acceptable manufacturer for the unit heaters.

Apparatus Bay exhaust fan controls

EF-3 shall run continuously. EF-4 shall operate based on temperature of the apparatus bay or shall run upon detection of carbon monoxide.

#13-2 -Just want to confirm that the gypsum board finish is Level 5 with a spray texture. Ans: No; use Level 3

#13-5: Just want to confirm that the fire hydrants will have a factory finish-yes

14. 1)Addendum 3 clarifies that all window shades are to be manual operation and sheet ID-402 calls for all exterior windows to receive shades. Sheet A-201 shows windows W4 to be above the bay doors. Please confirm windows W4 require manual shades. 2. Sheet A-201 shows window W1 and W3 to be exterior. Sheet A-101B shows window W3 to be in an enclosed area and window W1 to be enclosed along with window W2. Are all 3 of these windows considered to be exterior and to be shaded?

Answer: 1) W4- Will not be shaded  
2) W1,W2,W3- exterior windows but not shaded