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October 7, 2017

ADDENDUM #1**BID #1012172**

The following information is provided for (**Bid #1012172**) to Construction of the Stafford County Fire and Rescue Station 14. All perspective bidders are hereby advised to make the changes to the Bid Documents in their possession as follows:

General:

1. This addendum is hereby made a part of the Contract Documents issued to modify, alter, revise or explain the original drawings and/or specifications. The contents of this Addendum will take precedence over the original instruments and shall be bound with the plans/documents.
2. All Bidders shall acknowledge the receipt of this Addendum in the space provided on Page B-3.

The purpose of the Addendum #1 is to correct the Response Sheet. Please acknowledge receipt of this Addendum #1 on Page B-3.

1. SECTION A - INFORMATION FOR BIDDERS

PART 1- GENERAL

Paragraph 1.01 B. Shall read as follows:

The envelope containing **one (1) original** of the complete bid must be sealed and addressed to the Stafford County Purchasing Office.....



2. SECTION B – BID FORM

UNIT PRICES (Page -B2)

DELETE – the following:

3. ~~Subsurface Drainage~~ \$ _____ /L.Y.

3. SECTION C – OWNER-CONTRACTOR AGREEMENT

Article 4

TIME OF COMMENCEMENT AND COMPLETION

Shall read as follows:

4.6 The Contractor shall achieve **Substantial Completion**, as defined in the General Conditions, within 400 calendar days from the date of Notice to Proceed or the date otherwise established for the commencement of Work.

OTHER REQUIREMENTS

Shall read as follows:

7.3 The Contractor shall perform at least **fifteen percent (15%)** of the total Work with forces that are in the direct employment of the Contractor's organization.

4. ADD the following:

SECTION 104413 – FIRE PROTECTION CABINETS (3 pages/attached)

5. Section 133144- FIRE FIGHTING SIMULATOR

6. **SECTION 106710 – CANTILEVER METAL STORAGE SYSTEM** (5 pages/attached)

~~Delete Paragraph 1.9 D Supplier shall provide a fifteen (15) year warranty from the date of Substantial Completion warranting the thermal liner panels to be free from defects in materials and workmanship under normal use and service.~~

DRAWINGS

REPLACE the following drawings with attached:

1. C-01 - The instrument type has been revised from “AG-PL” to “AG”.
2. C-03 - Surface mix has been revised to **SM-12.5D on sheet C03.**
3. C-04 - Existing text has been darkened on sheet C04.
Riprap line darkness has been adjusted as shown on sheet C04.

4. C-05 - Available land records for existing easements are shown on sheet C05. Dimensions are shown for proposed storm drain easements and are shown on sheet C05.
Additional existing easements have been labeled & dimensioned on sheet C05.
Easement legends on sheets C05 and C24 have been revised accordingly
Additional entrance dimension has been added to sheet C05.
CG-11 has been labeled and CG-6 has been added and labeled and is shown on sheet C05.

Entrance radii has been added to sheet C05.

The tapers on each entrance need to be connected with the curb and gutter providing the 12 foot offset from the EP.

Storm drainage easement for culvert 11-12 and labels have been added to sheet C05.
5. C-06 The spot elevation, rear of southern parking spaces, has been corrected on sheet C06.
6. C-07 The force main connection detail on sheet C07 has been refined.
7. C-09-17 - Details updated.
8. C-24 The landscaping plan has been updated on sheet C24 – Landscaping work not part of construction contract.

Easement legends on sheets C05 and C24 have been revised accordingly.
9. C-26 Lighting levels have been updated to show a minimum average lighting level of 5.0 FC where required, see sheet C26.

Luminaire descriptions have been added for each luminaire and building mounted fixtures have been corrected. Lamp lumens for each luminaire have been added and landscaping is now shown on the photometric plan, see sheet C26.
10. C-31 **CG-11 has been labeled and CG-6 has been added and labeled and is shown on sheet C05. CG-11 detail has been added to sheet C31.**
11. C-34 **The beacons are to be circular yellow indications. Notes were added to the plan sheet specs and quantity summary.**

Note 2 has been revised to indicate that the contractor must coordinate with fire rescue staff to check system compatibility.

Phone number for John Lee has been revised. 540-899-4099
12. C-35 **The Sign panel quantity was revised.**
13. CS-02 First Floor Code Sheet
14. A-01 First Floor Plan
15. A-05 Door and Window Details
16. A-09 First Floor Reflected Ceiling Fan
17. A-11 Roof Plan
18. A-21 Enlarged Plans and Elevations
19. A-22 Enlarged Plans and Elevations

- 20. A-26 Fire Pole and Ladder Details
- 21. M-03 Partial First Floor Plan
- 22. M-04 Second Floor Plan
 - E-01 Cover Sheet
- 23. E-05 Partial First Floor Plan – Lighting
- 24. E-06 Partial First Floor Plan – Lighting
- 25. E-09 Second Floor Plan - Lighting
- 26. FA-02 First Floor Plan
- 27. FP-1 Partial First Floor Plan
- 286. FP-04 Details

QUESTIONS AND ANSWERS

BID #1012172

1. Section 133144-1, 1.3, A states the specifications shall be used in conjunction with the drawings and dimensions. Are drawings available?

Response: The Outline of the building is indicated on the drawings. Manufacturer is to provide shop drawings for approval.

2. Section 133144-1, 1.9, D calls out a 15 year warranty for thermal lining. Section 2.5, G, 6 describes lining. Please advise if this building is intended to be used for Class A live fire training.

Response: DELETE requirement for thermal lining. See Addendum #1

3. Is a bailout prop or interior rappel rings required on any upper floors of the firefighting simulator?

Response: Yes, Refer to the specifications.

4. Are any floor or ceiling breach props required for the firefighting simulator?

Response: No.

5. Can you please provide specifications for the site work and utilities for the above referenced project? It appears to be missing from the Specifications.

Response: All site work specifications are on the drawings

6. Are the 1.25" Force Main and 1" Force Mains as shown in the same locations on different plan sheets intended to be the same line? If so what size is the line to be?

Response: The force main is a 1.25" diameter line, plans have been revised to show the same size on all sheets.

7. Where is the detail for the mill and overlay of Shelton Shop Road?

Response: The mill and overlay of Shelton Shop Road should follow VDOT standard WP-2 detail on sheet C31

8. The specifications reference testing several different ways. Is the contractor to provide geotechnical, concrete, and asphalt testing?

Response: Yes, the Owner is responsible for third party SPECIAL INSPECTIONS per County Building code.

9. Pipe types for the Storm Sewer on Sheets 8 and 9 are different than those for the same runs on the profiles with respect to concrete or HDPE. Which plan sheets will override the other?

Response: The storm sewer materials shown on the profiles are the materials proposed for this project, plans have been revised to show the same material on all sheets.

10. What is Subsurface Drainage with a unit of LY? This is a unit price item. Is there a detail describing the work and its units?

Response: Delete unit price for the Subsurface Drain. See Addendum #1

11. On the First and Second Floor Code Sheets on the drawings, the legend shows "FEC - Fire extinguisher and cabinet, UL Ratings U/L 2A:10:BC". There are specs for the extinguishers but not the cabinets.

Response: Fire extinguisher cabinets are required in the finished spaces, not in the equipment bays. See Addendum #1.

12. Can you confirm that there will be or not be fire extinguisher cabinets on this project?

Response: Fire extinguisher cabinets are required in the finished spaces, not in the equipment bays. See Addendum #1.

13. Type "H&F" is shown on page E-06 but is not included on the light schedule.

Response: See revised drawings, E-01, E-06. See sheet E-09 for additional light fixtures added to the RCP.

14. Fire Manufacture is not listed on the drawings.

Response: Unclear what the question is.

15. Fans in Bay "126" are to be provided by owner or GC?

Response: Fans are to be provided by the GC.

16. Are there "West Net" drawings to be provided?

Response: Drawings will be provided during construction. Locations for data/comm. devices are indicated on the electrical drawings.

17. Who is responsible for the design of the foundation of the fire training tower listed as an alternate?

Response: A proposed foundation design is included in the structural drawings

18. If the fire training tower vendor is responsible, are soil borings available?

Response: Existing soils information is available for reference (attached)

19. On page 133419-9 of the metal building spec. 2.3-O. Which states to meet the minimum R values and maximum U-factors. They do not list the -U-factor. This will determine on what method and type of insulation you would use. If you only have to use the R values, Then I would need to know what type of system you want to use. They give a couple different methods in the spec. I quoted R-30 Liner System for the roof and walls that will meet the Va IECC-2012 Energy Code.

Response: U-Factors shall be as indicated.

20. We are asking if the ProPress system for joining of the domestic water piping would be an acceptable method. We have installed it in other Stafford fire stations.

Response: The ProPress is acceptable for domestic plumbing waterline only. It cannot be used for HVAC piping.

21. The bid form lists “Allowance No. 1: Unit-Cost Allowance:” and “Allowance No. 2: Lump Sum-Cost Allowance:”, however no description is given for either allowance and no allowances specification has been provided. Please clarify the intent for these allowances.

Response: There are not project allowances.

22. Please reference the sample contract issued with the bid invitation. Article 4.2 states that substantial completion is to be within 400 days, whereas article 4.6 dictates the same 400 days for final completion. Please clarify the contract duration.

Response: Substantial completion shall be within 400 days.

23. What is the current status of the building permit? Item 3.d of the pre-bid meeting summary states that the Contractor will be responsible for all permits. The owner is typically responsible for the building permit as the contractor is not privy to the cost nor can he “own” the responsibility for something that is contingent on the status of the design, which is not part of the contract, as part of his contractual duration. Please confirm the owner will be responsible for paying for and obtaining the building permit. If it will in fact be a Contractor responsibility, please provide a cost and confirm that the permit is ready to be picked up.

Response: The plan review fees have been covered by the Owner, construction permit fees are the responsibility of the GC. (See attached)

24. Per the pre-bid notes stating, “Third party testing – ECS will be responsible”, Pre-Bid Meeting summary item 3.c regarding the County contracting a 3rd party inspection firm, and specification section 014000 Quality Requirements – please confirm that all 3rd party testing and special inspections will be the responsibility of the owner regardless of statements to the contrary in individual specification sections. Specifically, part 3.5.A of specification 051200 Structural Steel Framing states to, “Engage a qualified special inspector to perform the following special inspections...”, and section 072726 Fluid Applied Membrane Air Barriers does not assign testing responsibility to any specific party.

Response: Third party testing shall be provided by the owner includes shall include site work and as indicated in the Statement of Special Inspections attached. Miscellaneous architectural materials are the responsibility of the GC.

25. As no site work specifications have been issued (most notably asphalt paving, site concrete, and earthwork) please confirm that all materials testing and inspections pertaining to site work will be engaged by the Owner, consistent with the rest of the project.

Response: Specifications are as indicated on the drawings. Third party testing shall be provided by the owner includes shall include site work and as indicated in the Statement of Special Inspections attached. Miscellaneous architectural materials are the responsibility of the GC.

26. Site Utility Plan C05 shows water line “D” originating at the proposed building supplying a free standing FDC, however neither P-03 nor FP-1 show water line “D”’s origination in the building or the free standing FDC. Rather, FP-1 shows a wall mounted FDC not shown elsewhere. Please clarify.

Response: Location of FDC is correct; update fire protection plans are attached.

27. Please clarify the size of the concrete dumpster pad and associated fence enclosure. Sheet C05 shows the pad as 10’x20’ whereas sheets C32 and A-27 show the pad and enclosure as approximately 10’x12’.

Response: The concrete pad shall be 10’x20’ and the dumpster enclosure shall be 10’x12’.

28. Please confirm that the “Above Ground 1,000 Gal Propane Storage Tank” identified on the drawings and associated gas piping to within 5’ of the building is to be provided by the Owner. If not, please provide a tank specification and details.

Response: Tank will be provided by the supplier contracted for service by the County. GC shall extend the service line to the proposed tank location.

29. Please clarify the quantity and layout of steel pipe bollards around the above ground propane tank. Sheet C05 and sheet A-01 show conflicting quantities and layouts. Which sheet shall govern?

Response: Provide steel bollards as indicated on Sheet A-01

30. Please provide a specification and installation details for the Fireman Pole Assembly called out on sheet A-01, and detailed on sheet A-26.

Response: Installation details are indicated on A26, Basis of design is

31. Please provide basis of design manufacturers and model numbers for the following contractor provided equipment/appliances listed on sheets A-07 and A-08:

Response: See below for basis of design equipment.

- a. Equip Key #9 – Under Counter Refrigerator **U-Line ADA Series UADA24RSX-Stainless Steel finish**
- b. Equip Key #13 – 6-Burner Range w/ **Oven AGA Professional 48-in 6-Burner 4.2-cu ft/2.5-cu ft Double Oven Convection Dual Fuel Range**
- c. Equip Key #14 – Combination Refrigerator/Freezers **True T-49DT Two Section Dual Temp Reach In Combination Refrigerator / Freezer**
- d. Equip Key #15 – Dishwashers - **Jet Tech F-16DP High Temp Rack Undercounter Dishwasher**
- e. Equip Key #16 – Microwaves – **SubZero - MD24TE/S 24" TRANSITIONAL DRAWER MICROWAVE**

32. Note 13 on sheet A-09 calls for concealed cove lighting in kitchen, however the corresponding Lighting Plan (sheet E-06) does not show any cove lighting. Please clarify this discrepancy, and if cove lighting is required, please provide a detail and product specification.

Response: Provide lighting per the electrical drawings.

33. Please consider reducing the self-performance requirement of this project to 10% to 15% as is standard for G.C. projects of this nature. A 30% requirement as issued will severely limit the ability of qualified general contractors to participate in this bid.

Response: The Self performance requirement shall be no less than 15%. See Addendum #1

34. The enlarged Kitchen Plan (detail 6/A-21) calls out “Self-Supporting Adjustable Pantry Shelving” in the Pantry spaces. Please provide a detail and governing specification for this shelving.

Response: See attached for specification SECTION 106710 - CANTILEVER METAL STORAGE SYSTEM. See Addendum #1

35. The information for bidders section of the specification references one original, and two copies of the bid form are required. The pre bid notes states 1 original is all that is required. Please confirm one original only is needed for the bid submission.

Response: One original is required only. See Addendum #1

36. Please provide a roofing section detail showing any sheathing/substrates required for standing seam metal roofing over cold-formed metal trusses at the Equipment Bays roof overbuild. Reference sections 1/A-17 and 4/A-19.

Response: Roofing system shall be provided as part of the pre-engineered building system, detail shall be per the manufacturer's standard construction details that meet the performance specification requirements.

37. Please clarify what kind of locks is required for the Lockers in Rooms 206 and 202. Spec Section 105113-7, O, Locking Mechanism.

Response: Specifications require a combination lock with a master key override. Also include a padlock hasp.