

**ADDENDUM NO. 4**

**APRIL 3, 2019**

**CITY OF LUCAS**

**SINGLE PRESSURE PLANE FACILITIES  
NORTH PUMP STATION  
(Bid No. 018-19)**

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*This Addendum forms a part of the Contract Documents and Specifications. Acknowledge receipt of the Addendum in the space provided in the Bid Form and on the outer envelope of the Bid Proposal. Failure to acknowledge receipt of this Addendum may subject Bidder to disqualification.*

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**SPECIFICATIONS**

1. In the Specifications, change any and all references regarding the Contract Time for substantial completion to “five hundred (500) calendar days” and change any and all references regarding the Contract Time for final completion to “five hundred twenty (520) calendar days”.
2. In the Specifications, change any and all references regarding the payment for water supplied by the City to “The City will provide water for the project at no cost to the Contractor, unless more than two Bac-T tests are required for the elevated water storage tank or any other component of the project. If more than two Bac-T tests are required, the Contractor will be responsible for paying for the additional water. All water used on the project will be metered.”
3. In Section PF, Proposal Form, on PF-3, add the following to Note 1: “All items shown in the Plans and included in the Specifications shall be furnished and installed on this project. The Contractor shall include the costs for all of these items in an appropriate Bid Item. There shall be no additional pay for any of these items.”
4. In Section PF, Proposal Form, on page PF-3, revise Note 6 to the following:

“6. Contractor shall provide trench safety during construction when and where it is required as a result of OSHA requirements, job conditions, site conditions, and/or soil conditions. All of the work required for trench safety shall be included in the Bid Item for the Trench Safety System.”
5. In Section PF, Proposal Form, on page PF-3, add the following notes:

“10. The materials required for the Wiltshire Court 8” water line extension and associated valves and appurtenances (Bid Item No. 34) shall not be acquired by the Contractor until the City approves the acquisition of such materials.”

“11. The materials required for the 8” water line to Country Club Road, associated valves and appurtenances (Bid Item No. 38) shall not be acquired by the Contractor until the City approves the acquisition of such materials.”

“12. With reference to the prevailing wage rates mentioned in Article 7.14 of the City’s standard contract form included in the Project Manual, this contract shall be based upon payment by the Contractor of wage rates not less than the general prevailing wage rates for work of similar character in this location. Also, the Contractor shall comply with the requirements of the current prevailing wage law of the State of Texas and the requirements of the Davis-Bacon Act, as applicable.”

“13. Site visits to the project site may be arranged by contacting Jeremy Bogle at the City of Lucas (phone number 972-912-1210).”
6. In Section T-2, Composite Elevated Water Storage Tank, in Paragraph 1.01.B, add the following:

“The provisions included in the specification sections for concrete including, Sections T-5 through T-9, do not apply to the concrete pedestal for the Composite Elevated Water Storage Tank. The concrete pedestal for the Composite Elevated Water Storage Tank shall be constructed in accordance with the specifications, codes and

standards listed in Paragraph 1.02 and other provisions included in this section for the Composite Elevated Water Storage Tank.”

7. In Section T-2, Composite Elevated Water Storage Tank, in Paragraph 1.05.B, delete “Bidders not named as qualified contractor will be considered non-responsive and their bid will not be opened.” and replace with “All bids submitted by the date and time designated in the Advertisement for Bids will be opened, and the Engineer and Owner will review the bids and the qualifications of the bidders and their ability to construct the Composite Elevated Water Storage Tank in compliance with the provisions included in the specification section for the Composite Elevated Water Storage Tank. Based on this review, the Engineer and Owner will determine the lowest, responsive bidder.”
8. In Section T-2, Composite Elevated Water Storage Tank, in Paragraph 2.06.H, revise “minimum 48” diameter” to “60” diameter”.
9. In Section T-2, Composite Elevated Water Storage Tank, in Paragraph 2.08, delete “Galvanized steel, stainless steel and concrete surfaces shall be coated.”
10. In Section T-2, Composite Elevated Water Storage Tank, in Paragraph 2.08, add the following:

“Preconstruction primer shall be in accordance with AWWA D102. Full removal of preconstruction primer is not required if the primer is fully compatible with the specified paint system primer (a letter from the paint manufacturer certifying compatibility shall be submitted with coating submittal), and the primer has been tested and certified for potable water contact in accordance with NSF/ANSI 61.”

11. In Section T-4, Motors, revise any and all references to horsepower from 90 horsepower to 75 horsepower.
12. In Section T-11, Painting, replace Paragraph 2.02.B.6 with the following:

“6. Steel, Exterior Exposure Water Tank (Painting System No. 6)

- a. General. Exterior of steel tanks, above ground steel piping, valves, fittings, supports, and accessories.
  - i. Coating. (Three-Coat Fluoropolymer System)
  - ii. Weld Preparation: Weld flux and spatter shall be removed by power tool cleaning. Sharp projections shall be ground to a smooth contour. All welds shall be ground to a smooth contour as per NACE Standard SP0178, Designation D.
  - iii. Surface Preparation: SSPC-SP6/NACE 3 Commercial Blast Cleaning. An angular profile of 1.5 to 2.5 mils as per ASTM D 4417, Method C or NACE Standard RP0287 is required.
  - iv. Coating System:
    1. Tnemec Series 94-H2O Hydro-Zinc applied at 2.5 to 3.5 dry mils. Thin only with approved thinner, Tnemec 41-3 or 41-49 Thinner.
    2. Tnemec Series 73 Endura-Shield applied at 2.0 to 3.0 dry mils. Thin only with approved thinner, Tnemec 41-42 Thinner or 41-48 Thinner for spray application. For brush or roller application, Tnemec 41-39 Thinner
    3. Tnemec Series 700 Hydroflon applied at 2.0 to 3.0 dry mils. Thin only with approved thinner, Tnemec 41-63 Thinner.Total dry film thickness shall be a minimum of 6.5 mils.  
Series 44-710 Accelerator must be used with Series 94 if the surface temperature is 35°F to 60°F and 20% to 40% relative humidity.”

13. In Section T-17, Pre-Engineered Building, add the following to Section 1.01 Scope of Work:

“This specification section describes the type of building in terms of materials and standards required for this project. The Contractor may furnish and install a building similar to the building described in this specification as long as the building manufacturer meets the experience requirements and the materials provided as part of the building meet the same requirements described in the standards identified in this specification.”

14. In Section T-17, Pre-Engineered Building, in Paragraph 2.02, change the “Uniform Building Code” to “IBC-06 building code and all City of Lucas building codes.”

15. In Section T-17, Pre-Engineered Building, in Paragraph 2.04, add the following “The pre-engineered building shall be the same size and shall have the same number of entry doors as shown in the Plans regardless of the frame used for the building. It is mandatory that a bid for this Alternate Bid for the farm house looking frame be included in the bid submittal.”

## PLANS

16. In the Plans, change any and all references regarding the payment for water supplied by the City to “The City will provide water for the project at no cost to the Contractor, unless more than two Bac-T tests are required for the Composite Elevated Water Storage Tank or any other component of the project. If more than two Bac-T tests are required, the Contractor will be responsible for paying for the additional water. All water used on the project will be metered.”
17. On Sheet C-2, add the following to Note 5, “The Contractor shall be responsible for coordination with franchise utilities, based on approval by the City.”
18. On Sheet C-2, add the following to Note 23, “The Contractor can work on Saturdays if permission is obtained from the City. The Contractor will need to submit a written request to the City, on an as-needed basis, to work on Saturdays.”
19. On Sheet C-2, add the following Notes:
  - “51. The Contractor shall install a 1” service line, meter, and all appurtenances required to provide water to the pump building. The 1” service line shall be installed across Country Club Road in a 2” PVC sleeve by other than open cut. Contractor shall furnish and install Ford brass tap and saddle (double saddle) or approved equal.”
  - “52. The City’s standard details for the water system can be found on the City’s website under Chapter 13 utilities.”
  - “53. All new water line furnished and installed on the project shall be DR18 PVC water line.”
  - “54. The new fencing to be furnished and installed on the project will go around the perimeter of the site along the North side, West side and South side and shall be installed at the location determined by the City.”
20. On Sheet C-6, add the following Notes:
  - “4. The proposed wastewater holding tank shall be a 300 gallon, plastic, septic pump tank by Ace Roto-Mold/Den-Hartog (manufacturer’s part no. AST-0300-1) or approved equal.”
  - “5. The top of the existing 750,000 gallon ground storage tank shall be penetrated in order to install the proposed 8” water line in a manner such as the structural integrity of the tank is not impacted. The penetration shall be sealed and watertight once the 8” water line has been installed. The proposed water line shall be mounted on the outside of the existing tank and shall be adequately supported by brackets.”
  - “6. The proposed Wiltshire Court water line will be located from the stub-out at the valve vault along the north side of the pump station site until it reaches the west side of the site, and then it will be installed between two houses until it reaches the existing 6” line in Wiltshire Court. This proposed water line shall be an 8” PVC water line with a minimum of 42” cover (Bid Item No. 34).”
21. On Sheet C-11, add the following Note:
  - “11. The pump building shall be painted per the manufacturer’s recommendations with the colors to be selected by the City.”
22. On Sheet C-12, change all references to the size of the air release/vacuum valve to 2”.
23. On Sheet C-12, revise Note 8 to the following: “The pump control valves shall be 8” pump control valves manufactured by CLA-VAL (Model No. 60-11) or approved equal.”
24. On Sheet C-12, add the following to Note 4: “The air release and vacuum valves shall be APCO ARV clean water air release valves with a drain line to the floor drain system and shall be as recommended by the manufacturer for this particular application.”

25. On Sheet C-12, add the following Note:

"9. The gate valves on the suction piping and discharge piping shall be Kennedy Kenseal II R/W valves or approved equal."

26. On Sheet C-13, add the following Notes:

"5. The hatch on the valve vault shall be a Bilco hatch (Model No. J-7AL) or approved equal."

"6. The minimum and maximum flow rates for the flow control valve shall be determined by the City."

27. On Sheet C-14, add the following Notes:

"4. Electrical components will be furnished and installed per the electrical plans and as required for the lighting in the tank and the obstruction light on the top of the tank."

"5. The maximum flow rate into the elevated tank will be approximately 3,500 GPM. The Contractor shall confirm the size of the overflow pipe to accommodate this flow rate."

"6. The overflow pipe and the splash pad for the overflow pipe shall be located to facilitate drainage away from the elevated tank."

"7. No horizontal pour lines shall be allowed on the elevated tank."

28. On Sheet C-16, add the following Notes:

"2. The locations shown for the pressure reducing valve installations are approximate. The exact location for each pressure reducing valve installation shall be determined by the Engineer and the City."

29. On Sheet C-17, add the following Note:

"8. The hatch on the valve vault shall be a Bilco hatch (Model No. J-7AL) or approved equal."

30. On Sheet C-20, change the thickness of the proposed concrete pavement from 10" thick to 8" thick.

31. On Sheet E-3, revise the Motor Control Center Schedule, circuits MCC-1 through MCC-5 per the following:

Change Trip Size to 150amps

Change Horsepower to 75hp

Change Wire and Conduit to (3) #1/0 and #6 Ground in 1-1/2" C.