



FAYETTEVILLE PUBLIC WORKS COMMISSION

PROCUREMENT DEPARTMENT

<https://www.faypwc.com/bids/>

Bid Addendum

PWC Number: PWC2627015

Bid Title: Hydrogen Sulfide Control Program

Bid Due Date and Time: October 13, 2026 @ 4:00 pm

Addendum Number: 1

Addendum Date: October 1, 2026

Procurement Advisor: *Shelby Lesane*
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1. Addenda acknowledgement is required within the IFB Bid Pricing Form.
2. Following are questions received about the solicitation and the SME's answers to the questions.
 - Q1.** Who is the current supplier and what is the current cost of each chemical?
 - A1.** Cape Fear Water Solutions is the current vendor for the Hydrogen Sulfide Control Program.
Calcium Nitrate (Sulphatrox) @ \$2.2395 per gallon
Ferrous Iron (Ferrotrox) @ \$1.0559 per gallon
 - Q2.** Can the last 3 months of reports be provided?
 - A2.** Yes. That information will be provided via Addendum #2 on October 5, 2026.
 - Q3.** Can recent lab tests on the current vendors chemicals?
 - A3.** Yes. That information will be provided via Addendum #2 on October 5, 2026.
 - Q4.** Can a current COA for the nitrate and ferrous iron be provided?
 - A4.** Yes. That information will be provided via Addendum #2 on October 5, 2026.
 - Q5.** Does the vendor need to provide a website that provides current chemical tank levels, feed rates and H2S data that is accessible by the vendor and the city?
 - A5.** Not required. The vendor may provide enhanced remote monitoring and control capabilities beyond what is called for in the project specification at their discretion.
 - Q6.** Does the dosing system need to include a controller that allows for variable feed rates for every hour of the day and not just a constant feed rate?
 - A6.** Not required. The vendor may provide enhanced remote monitoring and control capabilities beyond what is called for in the project specification at their discretion.
 - Q7.** Do the chemical tanks need to be double wall or single wall for the nitrate sites?
 - A7.** The vendor shall provide and maintain chemical storage according to industry standards for safety including EPA SCC and OSHA Process Safety Management practices. Nitrate sites typically require double-wall tanks (or single-wall tanks paired with dedicated external

- secondary containment, such as lined concrete basins) to comply with safety and environmental regulations.
- Q8.** Are we to assume that the ferrous iron tanks shall be double wall?
- A8.** See response A7 above.
- Q9.** Are any existing polyethylene tanks to be <10 years old as that is the maximum safe expected life span?
- A9.** The vendor shall provide and maintain chemical storage according to industry standards for safety including EPA SCC and OSHA Process Safety Management practices.
- Q10.** What are the current tank sizes (volume and diameter) at each site?
- A10.** Yes. That information will be provided via Addendum #2 on October 5, 2026.
- Q11.** We currently have a significant inventory of fully paid-for equipment staged in North Carolina and ready for immediate deployment, including both single-wall and double-wall tanks and multiple dosing system configurations. To help provide the most competitive pricing, would our standard single-wall tank with a single-duty dosing pump be considered an acceptable solution where operationally appropriate?
- A11.** The vendor's responsibility is to provide "turnkey services" that shall include all labor, equipment, materials, and chemical products required to control hydrogen sulfide odor and corrosion in the wastewater collection systems. The configuration of facilities at each chemical feed site is at the vendor's discretion provided it complies with accepted industry standards and safety requirements referenced above.
- Q12.** For smaller treatment locations, we have passive chemical feed systems that utilizes controlled suction-based drip into the wet well and require no electrical power or dosing pumps. These systems are cost-effective, reliable, and have been successfully deployed in similar applications. Please confirm whether we may utilize these systems where appropriate. If not, please provide the minimum equipment requirements for acceptable feed systems.
- A12.** See response A11 above.
- Q13.** Since the primary objective of the program is maintaining atmospheric H₂S levels at or below 10 ppm, would continuous atmospheric monitoring be accepted in lieu of weekly liquid sampling? We currently have a large inventory of long-term H₂S monitors available for immediate deployment that provide hourly data transmission. Continuous monitoring would provide substantially greater transparency and performance verification than a single weekly grab sample while reducing unnecessary program costs.
- A13.** The vendor may provide enhanced monitoring above and beyond what is called for in the project specification at their discretion.
- Q14.** We also have available biofilter and vapor-phase odor control assets that we would be willing to deploy at no additional cost to demonstrate the benefits of an integrated treatment approach. By combining chemical treatment with vapor-phase control, chemical consumption can often be reduced while still achieving overall H₂S reduction goals. Would the owner be receptive to the inclusion of supplemental vapor-phase treatment technologies where they provide performance and lifecycle cost advantages?
- A14.** The vendor may provide enhanced odor control assets above and beyond what is called for in the project specification at their discretion.