Bid Solicitation: Wastewater Treatment Services – Elayn Hunt Correctional Center

Bid Number: 3000025053

Title: Wastewater Treatment and Lift Station Services for Lagoon System

Location: 6925 Highway 74, St. Gabriel, LA 70776

AI Number: 8399

Permit Number: LA0098094

Agency Contact: Keith Henderson – (225) 716-3263

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Purpose:

The Department of Public Safety and Corrections seeks to contract a qualified vendor to provide full wastewater treatment system operations, maintenance, sampling, environmental consulting, and emergency response services for the Elayn Hunt Correctional Center. All services must comply with LDEQ permit and Louisiana Sanitary Code requirements.

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**System Overview:**

• Treatment Type: 3-cell aerated lagoon with disinfection and dechlorination

• Design Capacity: 0.805 MGD

• Effluent Flow Path:

o Bar screen → Muffin Monster → Lagoon Cells (5.0, 1.3, 1.0 acres)

o Clarifier → Sand filter → Chlorine contact chamber (CCC)

o Peracetic acid used for disinfection → Mississippi River discharge (River Mile ~201)

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**Operator Requirements:**

• Louisiana Class 4 Wastewater Operator Certification (must be submitted with bid)

• 24-hour emergency call-out service availability

• Use of electronic service reporting system

• Minimum 3 hours/week on site

• Up to 5 hours/month of environmental consulting included

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**Scope of Services:**

I. Oxidation Pond Service (Performed Weekly or as Required):

1. Inspect/clean bar screen; check inlet/outlet flow rates

2. Check baffle curtains and anchor eyes (if applicable)

3. Check gearbox oil levels; lubricate motors

4. Inspect pond banks, levees, liners for erosion or damage

5. Inspect influent and outfall piping

6. Inspect electrical components and wiring (if applicable)

7. Check AMPS on blowers, aerators, and pumps

8. Inspect contact chamber for sludge; clean as needed

9. Inspect and replenish peracetic acid and maintain the dosing pump per manufacturer guidelines (EHCC provides chemicals)

10. Identify any excursions, illegal discharges, or erosion

11. Inspect vegetation growth and perform general housekeeping

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**II. Lift Station Maintenance (Performed Weekly or as Required):**

1. Remove floatables (≤6 ft depth); report excessive accumulation

2. Inspect and adjust floats

3. Check overall condition of the well

4. Clean bar screen and check flow rates

5. Light grease removal; excess grease billed separately

6. Inspect controls, wiring, and control boxes

7. Verify operation of simplex, duplex, triplex systems

8. Inspect pump/motor vibration, belts, couplings, oil levels

9. Lubricate motors/pumps; tighten bolts

10. Wash down lift station (if water source is provided)

11. Inspect external piping and floor for debris or damage

12. Wash down lift station pad (if water available)

13. Check for inner well erosion

14. Check AMPS on pump motors

15. Inspect high-level alarm and test H-O-A switches

16. Check for illegal discharges or infiltration

17. Inspect external structure condition

18. Simulate manual system operation where accessible

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**III. Sampling & Testing Requirements:**

• Weekly Sampling:

o 3-hour composite for BOD and TSS

o Grab samples for Fecal Coliform, pH, and flow

• Quarterly Sampling:

o 3-hour composite for Total Phosphorus and Total Nitrogen

• Lab testing costs must be included in the monthly price

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**IV. Reporting & Compliance:**

• Must check in/out with EHCC Maintenance Director at each visit

• Submit electronic service report documenting completed tasks and deficiencies

• Submit:

o Monthly DMRs

o Annual MWPP Report

• Forward all required documents to EHCC and LDEQ in a timely manner

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**Bid Submission Requirements:**

• Valid Class 4 Wastewater Certification

• Monthly all-inclusive service price (labor, testing, travel, consulting, reporting)

• Hourly rates for additional/emergency services

• Description of:

o 24/7 emergency response protocol

o Electronic reporting method used

o Relevant lagoon system experience

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**Contract Details:**

• Contract Term: Date of Award – June 30, 2026, with optional renewals

• Must comply with LDEQ permit LA0098094 and Louisiana Sanitary Code

• EHCC may audit contractor performance and regulatory compliance