Wastewater and Sludge analysis

City of Fair Grove WWTP

Permit No. MO-0111708

Bidding Questions and return address

Dana Louderbaugh, City Clerk

81 S. Orchard Blvd

PO Box 107

Fair Grove, MO 65648

417-759-2353

General Comments

The City of Fair Grove requests quotations for analysis of wastewater and sludge samples for the period of August 2020 to August 2022. If mutually agreeable the contract may be extended for two additional years.

Scope

Wastewater samples will be collected weekly and delivered to the laboratory either by city personal or courier. Please note *E. Coli* samples are only collected April 1 through October 31.

General Requirements

1. The maximum turnaround time for analytical results is two (2) weeks after the samples are delivered to the laboratory.
2. The laboratory shall use test procedures as stated and approved by the Missouri Clean Water Commission and the federal government as stated in 40 CFR Part 136.
3. At no additional cost the laboratory shall supply COC, sample containers with preservatives if needed, and shipping containers (coolers) to the wastewater plant.
4. If requested, the laboratory shall provide at no additional cost, QA/QC documentation in the generation of sample results.
5. If it is determined that a re-analysis shall be required due to a failure of laboratory QA/QC or documentation the costs of re-analysis shall be borne by the laboratory.

Line details

Biochemical Oxygen Demand (5 day)[twice/month effluent & once/month influent]

Test Method\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Reporting Limit (mg/l)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Cost per analysis $\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Total Suspended Solids [twice/month effluent & once/month influent]

Test Method\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Reporting Limit (mg/l)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Cost per analysis $\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Page 2

Ammonia as N[twice/month effluent]

Test Method\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Reporting Limit (mg/l)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Cost per analysis $\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

*E. Coli* [once/week effluent]

Test Method\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Reporting Limit (#/100 ml)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Cost per analysis $\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Oil and Grease [once/quarter effluent]

Test Method\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Reporting Limit (mg/l)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Cost per analysis $\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Total Phosphorus [once/quarter effluent]

Test Method\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Reporting Limit (mg/l)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Cost per analysis $\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Total Nitrogen [once/quarter effluent]

Test Method’s\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Reporting Limit (m g/l)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Cost per analysis $\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

WET not needed this round

Complete 503 Sludge [once/year]

Cost per analysis $\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Bidding Requirements

All bids shall be returned by mail or hand delivery with delivery by no later than **2:30 p.m. August 17, 2020**. Bids will be opened at 2:35 p.m. Board of Alderman will award the laboratory contract August 25, 2020 at public meeting.

Bid document must be inside a sealed envelope with “LAB BID” clearly marked on the envelope.

The City of Fair Grove reserves the right to reject any bid and evaluate bids for the best interest of the city.

Vendor Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ City of Fair Grove

Contact\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Mayor\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Phone\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Fax\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Email\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_