

Public Notice posted in accordance
RSMo. 610 as amended

Date/Time: Wednesday, February 22, 2023
12:00 PM

By: Kimberly Barfield
City Clerk

CITY OF PACIFIC
300 Hoven Drive, Pacific, MO 63069

OPERATIONS COMMITTEE
Friday, February 24, 2023
1:00 P.M.

This meeting is open to the public.

The meeting will be streamed live on the City of Pacific YouTube channel:
<https://www.youtube.com/channel/UC9dxzhHQWbPulQJC1N6TSig>

AGENDA

- I. Call to Order**
- II. New Business**
 - a. Project review, Lift Station 2 / Headworks facility improvement
 - b. Brush Creek Sewer District update
 - c. 2026 permit requirements, Ammonia Disinfection
- III. Old Business**
- IV. Miscellaneous**
- V. Adjournment**

Committee Members

Alderman Gendron
Alderman Eversmeyer
Alderman Lesh
Mayor Filley

The Operations Committee will consider and act upon the Matters listed above and such others as may be presented at the Meeting and determined appropriate for discussion at that time.

Operations Committee Minutes

300 Hoven Drive, Pacific, MO 63069

Friday, January 6, 2023

The regular meeting was called to order at 1:00 p.m. by Chairman Eversmeyer, and took place at City Hall. The public was able to participate in person, and this was live on the City of Pacific YouTube.

Present: Chairman Eversmeyer, Alderman Gendron, Mayor Filley, Alderman Lesh, Administrator Roth, PW Commission Brueggemann, City Clerk Barfield. Chief Melisa arrived after roll call.

Minutes

Approve Minutes from November 4, 2022

Motion made by Alderman Lesh, seconded by Alderman Gendron to approve the minutes from November 4, 2022. A voice vote was taken with an affirmative result. Nays: none. Abstain: none.

Old Business

a. Bill 5156, Unsafe Structures

Chairman Eversmeyer stated staff has confirmed that this bill is not in conflict or duplication with any current ordinances. Alderman Gendron asked for a summary from Chief. Chief Melies stated Section 1 deals with tents, campers and other recreational structures. Points of interest are that it is periods of 3 days within a 30-day period, and not just one night. This does include city property and parks. There is also a Section D – no person can erect a tent or structure or allow one or more individual to occupy, which means we can go after the people allowing the unsafe structure. There is a section E regarding running water. Alderman Gendron stated her concern was it had been brought up if there was family in from out of town, or someone that owns property, and building a home and want to live in a RV type situation until the home is completed. How are those addressed? Chief Melies stated that would be addressed through occupancy and zoning. These are structures unfit or don't have occupancy. The other instances are governed by the Building Department. He does not think the overall city ordinances allow temporary housing unless it meets code. Alderman Gendron asked what happens if someone wants to live in an RV while building. Chief Melies thinks this is not allowed or would meet any criteria that currently exists. This ordinance is to deal with the immediate need of the 24-hour police issue. Mayor Filley thought those situations would be handled totally differently. Alderman Lesh asked about the cases that the Chief is pointing out being brought to us. Chief Melies stated he has the list he can go over or he can provide them. Alderman Lesh asked that the information be forwarded to the Board of Aldermen. Chief Melies stated they answer calls for homeless encampments, water faucets for bathing etc., he does have e-mails he has received about compliant of specific instances. Alderman Lesh asked if the Building Department weighed in on this. Alderman Eversmeyer stated they would have to apply for an occupancy. Alderman Lesh stated he was asking for a report from the Building Department. Administrator Roth stated Attorney Jones reviewed this, he thought the type of use of using RVs would be addressed through the Building Department, but he does not believe there are any ordinances relating to this. He does not know that it is specifically permitted. **There being no further comments, motion made by Alderman Gendron, seconded by Alderman Lesh to move this forward to the Board of Aldermen. A voice vote was taken with an affirmative result. Nays: none. Abstain: none.**

Miscellaneous

Brush Pick up – Administrator Roth stated that included in the packets was a draft ordinance and resolution of the Brush Pickup which will go to the Board of Aldermen on the 17th. The ordinance establishes the penalty; specifically, if there is a contractor that dumps at the shed, and the policy is by resolution. Public Works Commissioner Brueggemann agreed this met all the needs he was speaking of.

Candlewick Lane – Alderman Lesh saw this was reflected on the minutes. Mayor Filley stated that was for alternative routes, which we want to find. At this time, she thought this would take more time and still on the radar.

Adjourn

There being no further business, motion made by Alderman Gendron, seconded by Alderman Lesh to adjourn. The meeting adjourned at 1:13 p.m.

00100 ADVERTISEMENT FOR BIDS

Sealed bids will be received by The City of Pacific, at City Hall, 300 Hoven Drive, Pacific, MO 63069 until **2:00 p.m.**, on **Tuesday, February 14, 2023**, and there at said office publicly opened and read aloud for the construction of the following:

Contract A: Lift Station No. 2 Wet Weather and Force Main Improvements for the City of Pacific, Missouri: Project involves the construction of a new Wet Weather Lift Station and force main for the existing Lift Station No. 2 facility. The Wet Weather Lift Station shall have a duplex configuration, consisting of submersible, non-clog centrifugal pumps, cast-in place concrete wetwell and valve vault, electrical improvements, etc. Equipment packages, including submersible non-clog centrifugal pumps and process controls, shall be supplied and installed, start-up shall be performed and warranties shall be provided as required by the Contract. A new electrical service shall be constructed, complete with a new ATS and emergency standby generator. The new force main shall combine flows from the Dry Weather and Wet Weather Lift Stations and consist of 5,855 LF of 18 IN SDR-17, DIPS HDPE, isolations valve assemblies, air valve assemblies, in-line anchors, etc. Bids shall be received and evaluated on a unit price basis and cover all: demolition of existing facilities, construction of construction of proposed improvements, coordination with equipment suppliers, installation and start-up of equipment, quality assurance testing, etc.

Contract B: WWTF Headworks Improvements for the City of Pacific, Missouri: Project includes the construction of a new headworks facility at the Pacific WWTF. Headworks facility shall consist of a reinforced concrete foundation and flow channel, CMU superstructure, and standing seam roof system on galvanized steel roof trusses. Equipment packages, including continuous belt perforated plate fine screen, washer compactor, bridge crane, HVAC, etc., shall be supplied and installed, start-up shall be performed and warranties shall be provided as required by the Contract. The existing electrical switch gear shall be modified, a new ATS and emergency standby generator shall be provided and installed, and a new electrical feeder for the facility shall be constructed. Miscellaneous site and process piping improvements shall be implemented. Bids shall be received and evaluated on a lump sum basis.

A complete digital set of the bidding documents shall be available for a non-refundable fee of \$150.00 by going to our website www.archer-elgin.com and clicking on Project Bid Information or by going to QuestCDN at www.questcdn.com and by entering Quest Project #8352294 the website's project search page. Please contact QuestCDN at 952-233-1632 or email at info@questcdn.com for assistance in free membership registration, downloading, and working with this digital project information. Paper specifications and plans shall be on file for examination at the City Hall, 300 Hoven Drive, Pacific, MO 63069 and at the office of the Engineers, Archer-Elgin Engineering, Surveying and Architecture, 310 East 6th Street, Rolla, Missouri 65401. Paper copies of the bidding documents may be obtained from the Engineer upon payment of a non-refundable sum of \$300.00 for each complete set. An additional amount of \$75.00 will be charged for mailing of bidding documents.

A complete set of the bidding documents may be obtained from Archer-Elgin, or reviewed at the following locations:

Archer-Elgin - Engineer
310 East 6th Street
Rolla, MO 65401
Phone: 573-364-6362
Fax: 573-364-4782

City of Pacific City Hall
300 Hoven Drive
Pacific, MO 63069
Phone: 636-271-0500
Fax: 636-257-7017

FOR REVIEW PURPOSES ONLY

QuestCDN
www.questcdn.com
Phone: 952-233-1632
info@questcdn.com
Quest Project #8352294

The Owner reserves the right to reject any or all bids, to waive informalities or irregularities, and to determine the lowest responsive and responsible Bidder, and to award the contract on that basis.

A prebid conference is scheduled for **2:00 p.m., Tuesday, January 24, 2023** at **City of Pacific City Hall**. All interested bidders and subcontractors are encouraged to attend. Bids must be submitted for the project on the unbound Bid Form set included with the Bidding Documents. Bid envelopes must state "**Lift Station No.2 & WWTF Headworks Improvements**". Failure to state this on the bid envelope may result in the bid being returned without being considered. Each Bidder must file with their bid a Bid Security in the amount of five percent (5%) of their total bid. Bidders may submit bids for Contract A only, Contract B only, or both Contracts A and B.

The prevailing hourly rate of wages, as determined by the Industrial Commission of Missouri, will be complied with on this project, and not less than the prevailing hourly rate of wages as found by the agencies or Court of Appeals shall be paid to all workmen performing work under this contract.

No bidder may withdraw his bid within 90 days after the actual date of the opening thereof.

January 9, 2022

Date

City of Pacific, Missouri

Owner

ENGINEER'S PROJECT NO. 18998501-TO5

BID SUMMARY
Pacific Lift Station No. 2 WWTF Headworks Improvements
Project
Pacific, Missouri
Tuesday, February 14, 2023, 2:00 P.M.

	Bid Bond	Addenda	Base Bid Contract A Total Lift Station 2	Base Bid Contract B Total Headworks	Base Bid Contract C Total Combined
Contegra Construction	YES	YES		\$2,285,000.00	
T. Drury Contracting, Inc.	YES	YES	\$2,479,193.00	\$2,230,088.00	\$4,709,281.00
Girdner Contracting, LLC	YES	YES	\$2,014,560.00		
Heggemann, Inc.	NO BID				
Kelpe Contracting, Inc.	YES	YES	\$2,073,689.00 ⁽¹⁾		
Lamke Trenching & Excavating, Inc.	NO BID				
Martin General Contractors	NO BID				
Tarlton Corporation	NO BID				
K.J. Unnerstall Construction	YES	YES	\$1,889,542.00		
Unnerstall Contracting Co.	YES	YES	\$2,443,457.50		

(1) Bid Irregularity. Bid Submitted on Incorrect Bid Form

PACIFIC LAGOON WWTP
MO-0041131
AMMONIA REPORT
UPDATED 2/22/2023

DNR PERMIT LIMITS STARTING JULY 1, 2026:
APRIL - SEPTEMBER 7.3 MG/L
OCTOBER - MARCH 9.5 MG/L

EFFLUENT MONTHLY AVERAGES IN MG/L:

JANUARY 2018 25.9
FEBRUARY 2018 40.63
MARCH 2018 26.88
APRIL 2018 17.73
MAY 2018 14.70
JUNE 2018 13.30
JULY 2018 25.2 *SLUDGE REMOVAL, CELLS 1&2*
AUGUST 2018 1.25
SEPTEMBER 2018 4.70
OCTOBER 2018 8.63
NOVEMBER 2018 9.53
DECEMBER 2018 16.90

JANUARY 2019 19.02
FEBRUARY 2019 11.33
MARCH 2019 10.46
APRIL 2019 8.80
MAY 2019 15.86 *TRIPLEPOINT AERATION START UP*
JUNE 2019 12.06 *SMITH FOODS PRETREATMENT START UP*
JULY 2019 0.69
AUGUST 2019 .85
SEPTEMBER 2019 0.59
OCTOBER 2019 0.54
NOVEMBER 2019 5.94
DECEMBER 2019 19.83

JANUARY 2020 16.52
FEBRUARY 2020 9.80
MARCH 2020 9.82
APRIL 2020 5.71
MAY 2020 0.52
JUNE 2020 1.19
JULY 2020 3.59
AUGUST 2020 0.935 *SULZER BLOWERS START UP*
SEPTEMBER 2020 1.404
OCTOBER 2020 3.85
NOVEMBER 2020 2.72
DECEMBER 2020 6.21

JANUARY 2021 10.26
FEBRUARY 2021 14.04
MARCH 2021 25.5
APRIL 2021 5.71
MAY 2021 2.71
JUNE 2021 4.28
JULY 2021 1.41
AUGUST 2021 0.83
SEPTEMBER 2021 0.428
OCTOBER 2021 0.19
NOVEMBER 2021 1.28
DECEMBER 2021 9.66

JANUARY 2022 18.6
FEBRUARY 2022 20.19
MARCH 2022 22.6
APRIL 2022 19.82
MAY 2022 1.92
JUNE 2022 1.956
JULY 2022 5.81
AUGUST 2022 2.18 *SMITH FOODS BECOMES DFA*
SEPTEMBER 2022 3.53
OCTOBER 2022 1.02
NOVEMBER 2022 5.71
DECEMBER 2022 15.83

JANUARY 2023 32.28

DATA IN RED IS OVER FUTURE LIMITS

Currently we are collecting data on our Effluent Ammonia discharges for possible upgrades to the Lagoon in the future. We are collecting Influent TKN, TN, TP and polyphosphate samples to see what our future needs will be for possible Phosphorus limits in the future.

The above is data collected since 2018 showing dates that our new aeration was installed and when Smith Foods Dairy pretreatment was installed.

Smith Foods pretreatment is on-line but still does not meet our BOD, TSS and FOG limits regularly. They are still receiving a monthly surcharge bill. As of August 1, 2022, Smith Foods was bought by Dairy Farmers of America (DFA).

The two new Sulzer blowers went on-line August of 2020.

With our new aeration, blowers and Dairy Farmers of America pre-treatment improving, we are gathering influent and effluent data at this point. This will give us a better understanding of what treatment technique is required and how much will be needed.

Currently we are working with Archer-Elgin Engineering to study what treatment improvements will be needed. We are in the bidding/contract award phase to replace our current Influent headworks with larger capacity along with a new screen. In the design we are adding a chemical application room for future phosphorus treatment.

Robert Brueggemann

Robert Brueggemann
Public Works Commissioner
c. 314-486-1375

TASK ORDER NO. 10

This Task Order pertains to an Agreement by and between City of Pacific, Missouri, (“OWNER”), and CM Archer Group, P.C., Inc. (“ENGINEER”), dated December 19, 2017, (“the Agreement”). Engineer shall perform services on the project described below as provided herein and in the Agreement. This Task Order shall not be binding until it has been properly signed by both parties. Upon execution, this Task Order shall supplement the Agreement as it pertains to the project described below.

TASK ORDER NUMBER: No. 10

PROJECT NAME: Wastewater Treatment Facility Engineering Report

PART 1.0 PROJECT DESCRIPTION:

Facility Plan report to evaluate the Pacific Wastewater Treatment Facility (WWTF) and treatment capabilities. Specifically, the report will evaluate alternatives to meet the Ammonia as Nitrogen limits which take effect July 1, 2026. Also evaluate ability to increase overall treatment capacity based upon future flow projections.

PART 2.0 SCOPE OF SERVICES TO BE PERFORMED BY ENGINEER ON THE PROJECT:

1. Kickoff Meeting and Site Tour – Confirm study scope, visit WWTF to review site constraints. Confirm receipt of City provide information.
2. Review Information Provided by City – review prior reports and record drawings, generate simplified general layout drawing, flow schematic, and hydraulic profile. Review existing FEMA flood elevation map.
3. Review historical population and flow/loading data and establish design basis.
4. Survey Critical Elevations – establish vertical control benchmark and shoot critical elevations.
5. Preliminary Sizing, Layout, and Hydraulic Profile – Determine sizing of nitrification facility, determine site location and piping needs, and add to hydraulic profile. Prepare conceptual sketch of each facility.
6. Cost Estimates – Prepare estimates of construction cost, project cost, and operating/replacement costs.

7. Prepare a Engineering Report for Ammonia Reduction alternatives. The Facility Plan shall be prepared in accordance with Missouri Department of Natural Resources requirements. The Engineering Report will incorporate the following:
 - a. Population and flow projections for future flows
 - b. Potential future improvements necessary for future limits
 - c. Disinfection System Improvement Alternatives
 - d. Preliminary site plans for recommended alternative
 - e. Process flow diagrams for recommended alternative
 - f. Capital and operation & maintenance costs
8. Submit the Engineering Report to the City for review.
9. Finalize Engineering Report based on review comments.
10. Progress Meetings – Progress meetings (3) with City.

PART 3.0 OWNER’S RESPONSIBILITIES:

Owner shall furnish the following information:

1. Discharge Monitoring Reports (DMR’s) for past 5 years in electronic format.
2. Future growth projections from prior “planning” documents (confirm this is available).
3. Prior engineering reports, soils reports, and record drawings.
4. Equipment O&M manuals – we will review these at the WWTP and make copies as needed.

PART 4.0 PERIODS OF SERVICE:

The above Scope of Services shall be completed within 120 days from date of Task Order execution.

PART 5.0 PAYMENTS TO ENGINEER:

Lump Sum fee of \$62,500.00, to be invoiced monthly based upon percent complete as determined by the Engineer. No changes shall be made to this scope of work unless by written amendment signed by both parties.

PART 6.0 ADDITIONAL SERVICES:

1. Additional Services will include additional planning/financing support, environmental assessment, clearances, design services, and any other services not specifically outlined above.

This Task Order is executed this _____ day of _____, 20__.

City of Pacific, Missouri

CM Archer Group, P.C.

“OWNER”

“ENGINEER”

BY: _____

BY: _____

NAME: _____

NAME: _____

TITLE: _____

TITLE: _____

ADDRESS: _____

ADDRESS: _____
