



City of Broken Arrow
Meeting Agenda
Broken Arrow Municipal Authority

Chairperson Debra Wimpee
Vice Chairman Johnnie Parks
Trustee Lisa Ford
Trustee Justin Green
Trustee David Pickel

Tuesday, January 7, 2025

Council Chambers
220 South 1st Street
Broken Arrow, OK

TIME: Immediately following the City Council Meeting which begins at 6:30 p.m.

1. Call to Order

2. Roll Call

3. Consideration of Consent Agenda

- A. [24-133](#) Approval of the Broken Arrow Municipal Authority Meeting Minutes of November 19, 2024
- B. [24-134](#) Approval of the Broken Arrow Municipal Authority Meeting Minutes of December 3, 2024
- C. [24-1703](#) Approval of the Broken Arrow Municipal Authority Meeting Minutes of December 17, 2024
- D. [24-1689](#) Acknowledgement of submittal of the Broken Arrow Municipal Authority's Solid Waste and Recycling Report for November 2024
- E. [24-1695](#) Acknowledgement of submittal of the Broken Arrow Municipal Authority's Water Supply Report for the month of November 2024
- F. [24-1696](#) Acknowledgement of submittal of the Broken Arrow Municipal Authority's Wastewater Discharge Monitoring Report for the month of November 2024
- G. [24-1684](#) Approval of and authorization to execute a Professional Consultant Agreement with HDR Engineering, Inc. for Verdigris River Water Treatment Plant On-Site Hypochlorite Generation System Brine Tank (Project No. 2154350)

- H.** [24-1713](#) Approval of and authorization to execute Amendment No. 2 to Professional Services Agreement with Jacobs Engineering Group, Inc. and the Regional Metropolitan Utility Authority (RMUA) for Haikey Creek Wastewater Treatment Plant (WWTP) Biosolids Improvements (BAMA Project no. HC21020, RMUA Project no. RMUA ES 2020-11)
- I.** [24-1714](#) Approval of and authorization to execute an Amendment 1 for Professional Engineering Services with Black & Veatch Corporation and the Regional Metropolitan Utility Authority (RMUA) for the Haikey Creek Lift Station (HCLS), Phase IV Improvements (BAMA Project no. HC23020, RMUA Project no. RMUA ES 2022-04)
- J.** [24-1706](#) Ratification of the Claims List Check Register Dated December 30, 2024

4. Consideration of Items Removed from Consent Agenda

5. Public Hearings, Appeals, Presentations, Recognitions, Awards

6. General Authority Business-NONE

7. Remarks and Inquiries by Governing Body Members

8. Remarks and Updates by City Manager and Staff

9. Executive Session-NONE

10. Adjournment

NOTICE:

Please note that all items on this agenda may be approved, denied, amended, postponed, acknowledged, affirmed or tabled.

If you wish to speak at this evening's meeting, please fill out a "Request to Speak" form. The forms are available from the City Clerk's table or at the entrance door. Please turn in your form prior to the start of the meeting. Topics are limited to items on the currently posted agenda, or relevant business.

All cell phones and pagers must be turned OFF or operated SILENTLY during meetings.

Exhibits, petitions, pictures, etc., shall be received and deposited in case files to be kept at the Broken Arrow City Hall. If you are a person with a disability and need some accommodation in order to participate in this meeting, please contact the City Clerk at 918-259-2400 Ext. 5418 to make arrangements.

21 O.S. Section 280 provides the following:

A. It is unlawful for any person, alone or in concert with others and without authorization, to willfully disturb, interfere or disrupt state business or the business of any political subdivision, which includes publicly posted meetings, or any agency operations or any employee, agent, official or representative of the state or political subdivision.

B. It is unlawful for any person who is without authority or who is causing any disturbance, interference or disruption to willfully refuse to disperse or leave any property, building or structure owned, leased or occupied by state officials or any political subdivision or its employees, agents or representatives or used in any manner to conduct state business or any political subdivision's business or operations after proper notice by a peace officer, sergeant-at-arms, or other security personnel.

C. Any violation of the provisions of this section shall be a misdemeanor punishable by imprisonment in the county jail for a term of not more than one (1) year, by a fine not exceeding One Thousand Dollars (\$1,000.00), or by both such fine and imprisonment.

D. For purposes of this section, "disturb, interfere or disrupt" means any conduct that is violent, threatening, abusive, obscene, or that jeopardizes the safety of self or others.

A paper copy of this agenda is available upon request.

POSTED this ____ day of _____, _____, at _____ a.m./p.m.

City Clerk



City of Broken Arrow

Request for Action

File #: 24-133, **Version:** 1

**Broken Arrow Municipal Authority
Meeting of: 01-07-2025**

Title:

Approval of the Broken Arrow Municipal Authority Meeting Minutes of November 19, 2024

Background:

Minutes recorded for the Broken Arrow Municipal Authority Meeting.

Cost: None

Funding Source: None

Requested By: Curtis Green, City Clerk

Approved By: City Manager's Office

Attachments: November 19 ,2024 Broken Arrow Municipal Authority Minutes

Recommendation:

Approve the minutes of the November 19 ,2024 Broken Arrow Municipal Authority Meeting.



City of Broken Arrow
Minutes
Broken Arrow Municipal Authority

City Hall
220 S 1st Street
Broken Arrow OK
74012

Chairperson Debra Wimpee
Vice Chair Johnnie Parks
Trustee Lisa Ford
Trustee Justin Green

Tuesday, November 19, 2024

Council Chambers

1. Call to Order

Chairperson Wimpee called the meeting to order at approximately 8:25 p.m.

2. Roll Call

Present: 4 - Justin Green, Lisa Ford, Johnnie Parks, Debra Wimpee

3. Consideration of Consent Agenda

- A. 24 131 Approval of the Broken Arrow Municipal Authority Meeting Minutes of October 15, 2024**
- B. 24 1547 Approval of the Special Broken Arrow Municipal Authority Meeting Minutes of October 22, 2024**
- C. 24 132 Approval of the Broken Arrow Municipal Authority Meeting Minutes of November 5, 2024**
- D. 24 1498 Approval of and authorization to execute a Professional Consultant Agreement with Holloway, Updike, and Bellen, Inc. (HUB) for Highway 51 North Sewer Extension from Blue Bell Creameries to East Washington Street (Project No. S.25080)**
- E. 24 1526 Ratification of the Claims List Check Register Dated November 08, 2024**

MOTION: A motion was made by Johnnie Parks, seconded by Lisa Ford.

Move to approve Consent Agenda

The motion carried by the following vote:

Aye: 4 - Justin Green, Lisa Ford, Johnnie Parks, Debra Wimpee

4. Consideration of Items Removed from Consent Agenda - NONE

5. Public Hearings, Appeals, Presentations, Recognitions, Awards - NONE

6. General Authority Business – NONE

7. Remarks and Inquiries by Governing Body Members

City Manager Michael Spurgeon appreciated this year's significant progress in utilities and long-range planning, emphasizing the importance of maintaining infrastructure and preparing for future needs. They highlighted the extensive work completed in areas like sanitary sewer and long-range water systems, acknowledging the complexity of these systems and the dedication required to manage them effectively. City Manager Spurgeon thanked Kenny Schwab, Charlie Bright, and their teams for their leadership and Tim Robins for his exceptional management of daily operations. The comments underscored gratitude for the collective efforts of these teams in ensuring the city's infrastructure is well-prepared for

future challenges.

8. Remarks and Updates by City Manager and Staff – NONE

9. Executive Session - NONE

10. Adjournment

MOTION: A motion was made by Lisa Ford, seconded by Justin Green.

Move to adjourn.

The motion carried by the following vote:

Aye: 4 - Justin Green, Lisa Ford, Johnnie Parks, Debra Wimpee

The meeting was adjourned at approximately 8:27 p.m.

Chairperson

Secretary



City of Broken Arrow

Request for Action

File #: 24-134, **Version:** 1

**Broken Arrow Municipal Authority
Meeting of: 01-07-2025**

Title:

Approval of the Broken Arrow Municipal Authority Meeting Minutes of December 3, 2024

Background:

Minutes recorded for the Broken Arrow Municipal Authority Meeting.

Cost: None

Funding Source: None

Requested By: Curtis Green, City Clerk

Approved By: City Manager's Office

Attachments: December 3,2024 Broken Arrow Municipal Authority Minutes

Recommendation:

Approve the minutes of the December 3,2024 Broken Arrow Municipal Authority Meeting.



City of Broken Arrow
Minutes
Broken Arrow Municipal Authority

City Hall
220 S 1st Street
Broken Arrow OK
74012

Chairperson Debra Wimpee
Vice Chair Johnnie Parks
Trustee Lisa Ford
Trustee Justin Green

Tuesday, December 3, 2024

Council Chambers

1. Call to Order

Chairperson Wimpee called the meeting to order at approximately 7:44 p.m.

2. Roll Call

Present: 4 - Justin Green, Lisa Ford, Johnnie Parks, Debra Wimpee

3. Consideration of Consent Agenda

- A. 24-1610 Acknowledgement of submittal of the Broken Arrow Municipal Authority's Water Supply Report for the month of October 2024**
- B. 24-1611 Acknowledgement of submittal of the Broken Arrow Municipal Authority's Wastewater Discharge Monitoring Report for the month of October 2024**
- C. 24-1612 Acknowledgement of submittal of the Regional Metropolitan Utility Authority (RMUA) Quarterly Report**
- D. 24-1613 Ratification of the City Manager executed Professional Services contract with Crystal-Clean, LLC for emergency environmental cleaning services for the wet well at the Lynn Lane Water Reclamation Facility**
- E. 24-1614 Approval of and authorization to execute an Access Agreement with Oklahoma Ordnance Works Authority d/b/a MidAmerica Industrial Park for 3 Million Gallon Water Storage Tank**
- F. 24-1567 Acknowledgement of submittal of the Broken Arrow Municipal Authority's Solid Waste and Recycling Report for October 2024**
- G. 24-1602 Notification of City Manager's and Assistant City Manager's execution of Professional Consultant Agreements and Amendments to an Agreement, as well as public Construction Contracts not subject to the Competitive Bid Act, with a Contract value of \$50,000.00 or less**
- H. 24-1594 Approval of and authorization to execute purchase of one (1) Genie GTH-1056 Telehandler from Warren CAT for the Utility Department**
- I. 24-1565 Award the lowest responsible bid to Cook Consulting, LLC, and approve and authorize execution of a construction contract for the BA Creek Trail Phase II Waterline Relocation Bore Segment (Project No. WL23040)**
- J. 24-1575 Ratification of the Claims List Check Register Dated November 22, 2024**

MOTION: A motion was made by Justin Green, seconded by Lisa Ford.

Move to approve the Consent Agenda

The motion carried by the following vote:

Aye: 4 - Justin Green, Lisa Ford, Johnnie Parks, Debra Wimpee

4. Consideration of Items Removed from Consent Agenda - NONE

5. Public Hearings, Appeals, Presentations, Recognitions, Awards

A. 24-1618 Presentation of update of the Lead and Copper Rule Improvements implementation and notification of service line materials notifications letter issuance

Utilities Director Timothy Robins provided an update on the city's progress in implementing the EPA-mandated Lead and Copper Rule improvements. Over the past three years, the utilities team has developed a comprehensive plan to comply with the regulation, which required identifying and classifying all service line materials within the city. This included compiling a detailed spreadsheet, GPS mapping every meter, and submitting the information to the state by the October deadline.

The utilities team also launched a new webpage under the city's drinking water section, featuring an interactive GIS tool and educational resources about lead. The investigation confirmed no lead services or connections remain in the city's system.

Next steps include notifying residents about the material classifications of their service lines. Approximately 41 residents have already been informed about galvanized service lines requiring replacement, and over 31,000 letters will be sent to residents with unknown service line materials. These letters will include a QR code to access the new online resources easily. The communications team supports these efforts with a video and social media outreach to ensure public understanding and participation.

Vice Chair Johnnie Parks reflected on historical lead line issues in Broken Arrow, particularly in older homes near downtown, where lead was used in lines between the city connection and homes. He noted that lead solder was commonly used for copper piping until it was banned in the mid-1970s. Green highlighted that extensive testing was conducted to monitor lead levels during that time. He also explained that lead contamination is more prevalent in areas with highly acidic water, often in the northeastern United States, as the acidity can leach lead from pipes and solder into the water supply.

Utilities Director Timothy Robins further emphasized that Broken Arrow has historically maintained strong water safety measures and is now fully assured that all old lead lines have been removed. The city's relatively young infrastructure has been a significant advantage, developed primarily after lead-containing materials were phased out. Houses sampled for lead levels, typically older ones with lead solder used for copper pipes, have consistently shown no traceable lead amounts during testing, which has been ongoing since at least 2016. This consistent absence of lead underscores the city's strong position in ensuring safe drinking water and the effectiveness of its infrastructure management.

6. General Authority Business

A. 24-1566 Consideration, discussion, and possible approval of award of the lowest responsible bid to Timber Wolf Excavating, LLC, and approve and authorize execution of a construction contract for the Oak Crest Addition Sanitary Sewer and Waterline Improvements (Project No. S.23070)

Charlie Bright, Director of Engineering Construction, presented plans for rehabilitating the sanitary sewer and water lines in the Oak Crest Edition, located on the southern end of Main Street. The project mirrors the current work in Melinda Park, involving replacing water lines in front yards and minimally invasive pipe bursting techniques in backyards. A public meeting was held in the neighborhood to provide updates, though attendance was impacted

by its coinciding with the "Lights On" ceremony. Approximately 20 residents attended, asked questions and expressed satisfaction with the plans. After receiving four bids for the project, Timberwolf was recommended for the award.

MOTION: A motion was made by Justin Green, seconded by Lisa Ford.

Move to approve award to Timber Wolf Excavating, LLC, and approve and authorize execution of a construction contract for the Oak Crest Addition Sanitary Sewer and Waterline Improvements (Project No. S.23070)

The motion carried by the following vote:

Aye: 4 - Justin Green, Lisa Ford, Johnnie Parks, Debra Wimpee

7. Remarks and Inquiries by Governing Body Members

City Manager Michael Spurgeon expressed gratitude for various departments' dedication and hard work during challenging weather conditions in November, highlighting efforts in utilities, streets, engineering, and construction, particularly the swift and professional work on Aspen Road. Despite equipment issues, he also acknowledged the solid waste team's commitment and emphasized the importance of supporting staff at the upcoming employee appreciation luncheon.

City Manager Michael Spurgeon announced that selecting a new Chief of Police is nearing completion, with an announcement expected soon. Additionally, he shared exciting infrastructure plans, revealing that the city will propose 13 to 16 street maintenance contracts worth up to \$17 million over the next year. These projects, funded by a street maintenance tax and the 2018 bond package, aim to improve roads in multiple neighborhoods and subdivisions. The city manager emphasized the importance of transparent communication about these investments to keep the public informed about how funds are being reinvested in the community.

8. Remarks and Updates by City Manager and Staff - NONE

9. Executive Session - NONE

10. Adjournment

The meeting was adjourned at approximately 7:58 p.m.

MOTION: A motion was made by Johnnie Parks, seconded by Lisa Ford.

Move to adjourn

The motion carried by the following vote:

Aye: 4 - Justin Green, Lisa Ford, Johnnie Parks, Debra Wimpee

Chairperson

Secretary



City of Broken Arrow

Request for Action

File #: 24-1703, **Version:** 1

**Broken Arrow Municipal Authority
Meeting of: 01-07-2025**

Title:

Approval of the Broken Arrow Municipal Authority Meeting Minutes of December 17, 2024

Background:

Minutes recorded for the Broken Arrow Municipal Authority Meeting.

Cost: None

Funding Source: None

Requested By: Curtis Green, City Clerk

Approved By: City Manager's Office

Attachments: December 17,2024 Broken Arrow Municipal Authority Minutes

Recommendation:

Approve the minutes of the December 17,2024 Broken Arrow Municipal Authority Meeting.



City of Broken Arrow
Minutes
Broken Arrow Municipal Authority

City Hall
220 S 1st Street
Broken Arrow OK
74012

Chairperson Debra Wimpee
Vice Chair Johnnie Parks
Trustee Lisa Ford
Trustee Justin Green
Trustee David Pickel

Tuesday, December 17, 2024

Council Chambers

1. Call to Order

Chairperson Debra Wimpee called the meeting to order at 7:15 p.m.

2. Roll Call

Present: 5 - David Pickel, Justin Green, Lisa Ford, Johnnie Parks, Debra Wimpee

3. Consideration of Consent Agenda

- A. 24-1673** Approval of and authorization to execute Budget Amendment Number 16 for Fiscal Year 2025
- B. 24-1595** Approval of and authorization to execute a Professional Consultant Agreement with Garver, LLC for Water Systems Master Plan (Project No. 2554620)
- C. 24-1596** Approval of and authorization to execute a Professional Consultant Agreement with Garver, LLC for Battle Creek Tank Replacement Project (Project No. 2554680)
- D. 24-1650** Approval of and authorization to execute the Professional Services Agreement for the 2025 Field Service Repairs at the Verdigris River Water Treatment Plant (VRWTP) with HACH Company
- E. 24-1662** Approval and authorization to ratify Amendment 1 to Agreement for Professional Engineering Services with Holloway, Updike, and Bellan Inc. for Haikey Creek Operation and Maintenance Capital Equipment Replacement
- F. 24-1640** Approval of and authorization to execute Amendment 3 to Agreement for Professional Consulting Services with Kimley Horn and Associates, Inc. for New 2.0 3.0 Million Gallon Elevated Water Storage Tank in South Broken Arrow (Project No. 165424)
- G. 24-1649** Approval of and authorization to execute Resolution No. 1614, a Resolution adopting the Planning and Environmental Information Document for the proposed County Line Trunk Sewer Phase II Sanitary Sewer Improvements
- H. 24-1656** Ratification of the Claims List Check Register Dated December 9, 2024

MOTION: A motion was made by Johnnie Parks, seconded by Justin Green

Move to approve the Consent Agenda

The motion carried by the following vote:

Aye: 5 - David Pickel, Justin Green, Lisa Ford, Johnnie Parks, Debra Wimpee

4. Consideration of Items Removed from Consent Agenda - NONE

5. Public Hearings, Appeals, Presentations, Recognitions, Awards - NONE

6. General Authority Business

- A. 24-1627 **Consideration, discussion, and possible approval of award of the lowest responsible bid to Cherokee Pride Construction, Inc. and authorize execution of a construction contract for the 24" Water Transmission 9th Street, Waco Street to Florence Street & Florence Street, Elm Place to Ash Drive (Project No. 23080)**

Charlie Bright, Director of Engineering and Construction, presented the award for a 24-inch water line project in the Florence and Ninth Street area, part of the southern loop of the city's transmission system to supply water to South Broken Arrow. Collaboration with Community Development and a developer allowed the city to secure additional land for future road widening in exchange for constructing part of the developer's required water line, ensuring an equal value trade-off. The project received four bids, with Cherokee Pride Construction being the lowest bidder at \$1,906,000.

MOTION: A motion was made by Lisa Ford, seconded by Johnnie Parks.

Move to Approve Award of the Lowest Responsible Bid to Cherokee Pride Construction, Inc. and Authorize Execution of a Construction Contract for the 24" Water Transmission 9th Street, Waco Street to Florence Street & Florence Street, Elm Place to Ash Drive (Project No. 23080)

The motion carried by the following vote:

Aye: 5- David Pickel, Justin Green, Lisa Ford, Johnnie Parks, Debra Wimpee

7. Remarks and Inquiries by Governing Body Members - NONE

8. Remarks and Updates by City Manager and Staff - NONE

9. Executive Session - NONE

10. Adjournment

The meeting was adjourned at approximately 7:18 p.m.

MOTION: A motion was made by Johnnie Parks, seconded by Lisa Ford.

Move to adjourn

The motion carried by the following vote:

Aye: 5 - David Pickel, Justin Green, Lisa Ford, Johnnie Parks, Debra Wimpee

Chairperson

Secretary



City of Broken Arrow

Request for Action

File #: 24-1689, **Version:** 1

**Broken Arrow Municipal Authority
Meeting of: 01-07-25**

Title:

Acknowledgement of submittal of the Broken Arrow Municipal Authority's Solid Waste and Recycling Report for November 2024

Background:

November 2024 final report to Authority for Solid Waste and Recycling Key Performance Indicators

Cost: \$0

Funding Source: N/A

Requested By: Jerry Schuber, Sr., Solid Waste and Recycling Director

Approved By: City Manager's Office

Attachments: Solid Waste & Recycling Monthly Report - November 2024

Recommendation:

Acknowledgement of submittal of the Broken Arrow Municipal Authority's Solid Waste and Recycling report for November 2024

SOLID WASTE & RECYCLING MONTHLY REPORT
NOVEMBER 2024

Average times for route completion are as follows – KPI <5:00pm

Month	Nov 23	Dec 23	Jan 24	Feb 24	Mar 24	Apr 24	May 24	Jun 24	Jul 24	Aug 24	Sep 24	Oct 24	Nov 24	Dec 24	Jan 25	Feb 25
Trash routes	5:50pm	5:26pm	5:04pm	5:40pm	6:20pm	6:07pm	5:35pm	5:41pm	5:19pm	5:26pm	5:08pm	5:23pm	5:41pm			
Recycle Routes	5:35pm	5:16pm	5:00pm	5:13pm	5:10pm	5:22pm	4:39pm	5:16pm	4:54pm	4:36pm	4:44pm	4:38pm	4:41pm			

Total Tons – KPI Increase Diversion tonnage to 25% of wastes generated

Month	Nov 23	Dec 23	Jan 24	Feb 24	Mar 24	Apr 24	May 24	Jun 24	Jul 24	Aug 24	Sep 24	Oct 24	Nov 24	Dec 24	Jan 25	Feb 25
Trash Tons	3281.97	2682.89	2854.26	2525.79	2996.45	3362.27	3603.35	2889.29	3411.03	2854.41	2644.94	2902.23	2928.42			
Recycle Tons	421.33	424.52	303.16	404.35	393.97	440.04	535.04	408.81	496.46	435.23	410.20	458.87	432.91			

Service Statistics - Routes

Missed Pickups - KPI Less than 50

Month	Nov 23	Dec 23	Jan 24	Feb 24	Mar 24	Apr 24	May 24	Jun 24	Jul 24	Aug 24	Sep 24	Oct 24	Nov 24	Dec 24	Jan 25	Feb 25
Total Missed	94	86	87	60	61	71	63	74	88	149	67	86	75			

Average Stops per Month – KPI Average of 800+

Month	Nov 23	Dec 23	Jan 24	Feb 24	Mar 24	Apr 24	May24	Jun 24	Jul 24	Aug 24	Sep 24	Oct 24	Nov 24	Dec 24	Jan 25	Feb 25
Average	940	921	900	886	884	904	1081	1155	832	818	830	827	783			

Total Stops Serviced per Month – KPI 300k+ to include recycling (Including Green Waste)

Month	Nov 23	Dec 23	Jan 24	Feb 24	Mar 24	Apr 24	May24	Jun 24	Jul 24	Aug 24	Sep 24	Oct 24	Nov 24	Dec 24	Jan 25	Feb 25
Average	308166	294871	289167	301143	300404	341737	408667	411206	363781	319774	244766	282807	240234			

Service Statistics - Carts

Cart Issues – KPI Service customer need with 48 hours of calls

Month	Nov 23	Dec 23	Jan 24	Feb 24	Mar 24	Apr 24	May24	Jun 24	Jul 24	Aug 24	Sep 24	Oct 24	Nov 24	Dec 24	Jan 25	Feb 25
Trash Cart Delivery	70	77	101	74	84	93	120	105	119	105	96	102	100			
Trash Cart Return	17	12	8	12	9	17	8	15	20	11	10	13	8			
Recycle Cart Delivery	71	76	67	89	72	65	95	100	119	101	77	98	82			
Recycle Cart Return	16	5	12	8	13	23	13	7	19	14	10	9	8			

Repairs – KPI reduce damage due to operator

Type	Nov 23	Dec 23	Jan 24	Feb 24	Mar 24	Apr 24	May24	Jun 24	Jul 24	Aug 24	Sep 24	Oct 24	Nov 24	Dec 24	Jan 25	Feb 25
Wheel	20	15	34	46	15	35	30	31	42	31	37	41	56			
Lids	3	0	4	2	2	5	1	1	2	2	3	5	4			
Axel	0	0	1	1	0	1	7	0	3	1	2	0	2			
Bar	6	3	6	1	0	21	12	2	18	5	12	6	4			

NEW PROGRAM – Free Dump Voucher

Type			Jan 24	Feb 24	Mar 24	Apr 24	May24	Jun 24	Jul 24	Aug 24	Sep 24	Oct 24	Nov 24	Dec 24	Jan 25	Feb 25
Voucher Supplied			17	39	87	97	91	91	80	75	76	106	99			
Voucher Used			11	24	76	81	85	85	70	74	75	86	91			



City of Broken Arrow

Request for Action

File #: 24-1695, **Version:** 1

**Broken Arrow Municipal Authority
Meeting of: 01-07-2025**

Title:

Acknowledgement of submittal of the Broken Arrow Municipal Authority's Water Supply Report for the month of November 2024

Background:

In an effort to provide the Authority and the Public more information with respect to our community's water usage, the Utilities Department staff has prepared two reports: Total Water Supply Report and the Monthly Operational Report.

The Average Day usage through the end of November was 10.2 MGD. Total water treated at the plant up to the end of November was 305.9 million gallons (MG). Total water purchased from Tulsa for the month of November was 0.0 MG.

These reports will be updated on a monthly basis. Staff recommends the Authority acknowledge submittal of these Reports.

Cost: None

Funding Source: None

Requested By: Timothy S. Robins, PE, Utilities Department Director

Approved By: City Manager's Office

Attachments: Total Water Usage Report-November 2024
Monthly Operational Report-November 2024

Recommendation:

Acknowledge submittal of the November 2024 Monthly Water Supply Report

Total Water Usage - 2024

Day\Mon	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	8.5	9.5	8.6	9.8	10.3	11.5	15.6	20.1	13.5	15.3	11.6	
2	9.0	9.2	9.2	9.3	9.7	11.5	18.8	19.9	17.5	16.2	10.7	
3	9.1	8.5	9.2	9.3	9.7	11.2	20.7	19.2	15.9	15.0	10.8	
4	9.6	8.9	9.9	10.2	9.4	9.7	17.8	19.5	17.2	15.7	11.3	
5	8.6	9.1	9.5	10.3	9.2	11.1	14.1	20.9	16.5	14.9	10.4	
6	8.4	8.2	9.5	9.8	9.2	11.9	14.8	21.1	16.7	15.2	10.8	
7	8.8	8.9	9.3	9.6	9.4	13.6	14.1	23.0	16.9	16.5	12.6	
8	8.8	8.8	8.8	10.4	10.5	13.0	13.9	21.3	16.4	15.0	9.9	
9	7.7	8.7	8.5	9.4	10.4	13.5	12.9	19.9	17.4	16.5	10.4	
10	9.9	8.5	8.3	9.6	10.9	15.0	15.5	17.0	16.3	16.1	10.7	
11	8.6	8.7	9.2	9.3	11.8	14.2	15.7	13.8	17.2	16.7	10.9	
12	9.2	8.2	9.2	10.3	10.6	16.1	18.4	14.5	16.8	15.3	10.0	
13	9.2	9.0	9.6	11.1	10.3	16.5	17.9	15.5	18.0	15.1	10.5	
14	10.7	8.5	9.4	11.4	10.5	16.9	18.0	16.6	16.5	15.6	10.7	
15	11.6	8.6	9.0	12.3	11.1	16.8	19.6	16.6	16.9	15.0	10.3	
16	11.4	8.7	8.8	11.6	9.7	16.5	17.2	15.1	18.6	14.5	9.6	
17	13.6	8.0	8.9	12.9	10.4	18.0	15.0	14.0	16.2	13.8	9.1	
18	12.7	8.9	9.2	11.8	11.5	17.5	16.6	15.8	17.9	16.0	10.2	
19	10.2	8.7	9.2	11.3	12.1	18.8	19.3	16.4	17.5	13.9	10.1	
20	11.3	9.0	10.0	12.3	11.6	19.0	17.1	16.4	14.8	14.5	9.9	
21	10.2	9.3	9.6	11.9	10.9	20.0	13.9	17.2	14.9	15.4	9.5	
22	10.6	9.1	9.1	13.5	9.9	18.6	14.8	16.8	14.5	15.8	9.8	
23	10.8	9.2	9.0	12.7	10.9	19.6	14.7	18.3	13.8	15.6	8.9	
24	10.1	9.1	9.0	12.1	11.8	21.4	16.1	19.1	11.9	13.8	9.8	
25	9.5	9.0	9.2	10.9	10.9	21.1	17.1	18.4	12.1	14.8	10.2	
26	9.6	9.8	8.8	10.1	11.8	13.3	17.9	19.5	13.1	14.4	9.5	
27	9.1	9.4	9.2	9.9	13.7	16.0	17.5	18.5	14.2	13.9	10.0	
28	9.5	8.3	9.7	9.3	13.0	18.6	17.0	18.8	14.5	14.6	9.8	
29	9.8	8.8	10.5	11.0	12.5	18.8	18.9	17.6	14.5	13.7	8.8	
30	9.4		10.2	10.1	12.0	14.8	18.6	16.2	15.2	12.9	9.1	
31	9.3		10.1		10.5		20.5	15.1		10.8		
Mon. Total	304.8	256.6	287.7	323.5	336.2	474.5	520.0	552.1	473.4	462.5	305.9	
Plant Avg. Day	9.8	8.8	9.3	10.8	10.8	15.8	16.8	17.8	15.8	14.9	10.2	
Monthly Purchase	0.0	0.0	0.2	0.0	0.0	0.0	4.2	0.0	0.0	0.0	0.0	0.0
Total Month	304.8	256.6	287.9	323.5	336.2	474.5	524.2	552.1	473.4	462.5	305.9	
Total Avg. Day	9.8	9.2	9.3	10.8	10.8	15.8	16.9	17.8	15.8	14.9	10.2	
Monthly to RWD4												

Verdigris Finished Water YTD (MG): 4,297.2

Plant Annual Max. Day (MGD): 23.0

Tulsa Purchase Water YTD (MG) ⁽¹⁾: 4.4

Plant Annual Avg. Day (MGD): 12.8

Total Finished Water (MG): 4,301.6

Plant Annual Min. Day (MGD): 7.7

Total System Annual Avg. Day (MGD): 12.8

Notes:

(1) Actual take is calculated from the billing records for the individual month.

City of Broken Arrow WTP Monthly Operational Report Summary
Water Treatment Plant PWSID# OK 1021508

Reporting Period: [November] [2024]



CITY OF
BROKEN ARROW
Where opportunity lives

Operating Data Summary

Water Production (MG)

	Month	Average Day
Raw Water Treated	313.74	10.5
Finished Water	305.13	10.2

Monthly Chemical Usage (Non-Membrane Usage)

Chemical	Total lbs	lbs/Finished MG
Sodium Hypochlorite	23,943	1,121.0
Salt (for hypo generation)	71,830	3,362.9
Liquid Ammonium Sulfate	3,042	9.5
Sodium Permanganate	1,364	2.3
Aluminum Chlorohydrate	81,668	47.9
Sodium Hydroxide	7,356	9.3
Hydrofluosilicic Acid	1,039	1.9

Total Chlorine Residual:

	No. Samples
Total Chlorine Residual <2.0 mg/L Leaving Plant	0

Finished Water Turbidity:

	No. Samples	% of Total Samples
Greater than 0.5 NTU	0	0.00
Greater than 0.3 NTU	0	0.00
Greater than 0.1 NTU	0	0.00
Total No. of Turbidity Samples	180	
Highest Turbidity Reading	0.032	
No. Samples > 1 NTU	0	
No. Samples > 5 NTU	0	

Monthly Costs

	Total	\$/Finished MG	\$/1000 gal
Plant Electricity	\$77,156.73	\$252.86	\$0.2529
Total Chemical	\$94,976.03	\$311.26	\$0.3113
Total Labor	\$121,892.21	\$399.48	\$0.3995
Services	\$34,433.54	\$112.85	\$0.1128
Materials and Supplies	\$4,688.11	\$15.36	\$0.0154
Equipment Expenses	\$4,244.73	\$13.91	\$0.0139
Total	\$337,391.35	\$1,105.73	\$1.1057

Individual Membrane Unit Turbidity Checklist

1. IS TURBIDITY FROM EACH INDIVIDUAL MEMBRANE UNIT RECORDED EVERY 15 MINUTES?
2. DID ANY SINGLE MEMBRANE UNIT EXCEED 2.0 NTU IN TWO CONSECUTIVE 15 MINUTE PERIODS?

No, Go to Question 3.

Yes, What date was the membrane profile completed? _____

DID THIS SAME MEMBRANE UNIT EXCEED 2.0 NTU IN 2 CONSECUTIVE 15-MIN PERIODS DURING THE LAST MONTH?

No, Go to Question 3.

Yes, Schedule Comprehensive Performance Evaluation (CPE) with DEQ.

3. DID ANY SINGLE MEMBRANE UNIT EXCEED 1.0 NTU IN TWO CONSECUTIVE 15 MINUTE PERIODS?

No, Go to Question 4.

Yes, What date was the filter profile completed? _____

DID THIS SAME MEMBRANE UNIT FILTER EXCEED 1.0 NTU IN 2 CONSECUTIVE 15-MIN PERIODS DURING THE LAST 2 MONTHS?

No, Go to Question 4.

Yes, What date was the membrane self-assessment completed? _____

4. DID ANY SINGLE MEMBRANE UNIT EXCEED 0.5 NTU IN 2 CONSECUTIVE 15-MIN PERIODS AT THE END OF 4 HRS OF OPERATION?

No, You are finished with the checklist.

Yes, What date was the membrane profile completed? _____

YES/NO

YES

NO

NO

NO

* IF ANY OF QUESTIONS 2 THROUGH 4 ARE CHECKED "YES", YOU MUST
COMPLETE THE TURBIDITY TRIGGER EVALUATION FORM AND ATTACH TO THIS MOR.

I hereby certify the above to be correct to the best of my knowledge:

Notes:

Signed: _____

12/10/2024

Date

Title: Assistant Water Plant Manager

Operator Certificate No. 97672

Public Water System Name: COBA Water Treatment Plant
PWS ID No.: OK 1021508

Month:
Year

November
2024

Date	Water Production and Recycle Flows				
	Raw Water Pumped to Pre-Sed Basins (MG)	Raw Water Treated (MG)	Finished Water Delivered (MG)	Reverse Filtration Water Used (MG)	Lagoon Decant Water Pumped (MG)
1	15.56	10.74	11.57		1.03
2	7.81	11.28	10.63		0.67
3	0.00	10.66	11.10		0.71
4	0.00	11.83	11.31		1.08
5	0.00	11.15	10.29		0.76
6	0.00	11.00	10.61		0.68
7	0.00	11.59	12.33		0.81
8	0.00	12.10	10.15		0.46
9	0.00	10.54	10.33		1.04
10	0.00	12.30	10.84		0.14
11	0.00	11.70	10.80		0.40
12	0.00	9.64	10.07		1.09
13	20.17	10.01	10.19		0.77
14	20.80	10.92	10.69		0.62
15	20.62	10.67	10.26		0.65
16	20.59	9.38	9.58		0.56
17	20.54	10.73	9.38		0.70
18	20.47	9.82	10.07		0.87
19	20.32	9.51	10.12		0.69
20	20.19	9.70	9.70		0.60
21	20.20	10.00	9.35		0.25
22	5.10	11.40	9.82		0.23
23	0.00	8.64	9.00		0.35
24	0.00	9.65	9.89		0.55
25	0.00	10.76	10.09		0.50
26	0.00	10.23	9.56		0.63
27	10.65	9.57	9.70		0.72
28	10.97	10.55	9.87		0.69
29	10.92	9.31	8.79		0.50
30	10.91	8.37	9.05		0.38
31					
TOTAL	255.82	313.74	305.13	0.00	19.14
AVG	8.53	10.46	10.17	#DIV/0!	0.64
MAX	20.80	12.30	12.33	0.00	1.09
MIN	0.00	8.37	8.79	0.00	0.14

Public Water System Name: COBA Water Treatment Plant
PWS ID No.: OK 1021508

Month: November
Year: 2024

TOTAL CHEMICAL COST:		\$94,976	
Cost Per MG Treated	\$302.72	Cost Per MG Delivered	\$311.26
Million Gallons Treated	313.74	Million Gallons Delivered	305.13

Non-Membrane System Chemical Usage

Date	Sodium Hypochlorite (CL) NaClO		Liquid Ammonium Sulfate (LAS)		Sodium Permanganate (SP)		Aluminum Chlorohydrate (ACH)		Sodium Hydroxide (SH)		Hydrofluosilicic Acid (HFS)	
	gal/day	lb/day	gal/day	lb/day	gal/day	lb/day	gal/day	lb/day	gal/day	lb/day	gal/day	lb/day
1	12,364	865.45	110.1	115.43	35.3	68.30	563	3144.68	78.8	205.29	21.7	39.54
2	11,348	794.33	100.1	104.94	17.9	34.72	517	2887.33	71.8	187.15	19.7	35.95
3	12,454	871.76	107.5	112.68	0.0	0.00	542	3030.00	77.0	200.77	21.2	38.60
4	12,474	873.18	106.6	111.68	0.0	0.00	541	3021.74	76.3	198.92	21.0	38.26
5	11,537	807.56	98.4	103.14	0.0	0.00	497	2774.74	70.4	183.47	19.3	35.22
6	11,760	823.20	100.0	104.82	0.0	0.00	512	2861.04	71.1	185.25	19.5	35.60
7	13,729	961.05	118.0	123.64	0.0	0.00	592	3309.58	83.5	217.65	23.1	42.00
8	10,980	768.59	98.1	102.83	0.0	0.00	493	2752.70	69.9	182.17	19.2	34.92
9	10,972	768.04	98.7	103.44	0.0	0.00	500	2794.44	70.2	182.95	19.3	35.14
10	11,661	816.28	103.6	108.54	0.0	0.00	530	2962.97	74.2	193.38	20.4	37.22
11	11,546	808.19	101.6	106.46	0.0	0.00	525	2934.89	73.3	191.15	20.2	36.78
12	10,841	758.90	94.4	98.97	0.0	0.00	504	2815.56	68.1	177.42	18.7	34.06
13	11,297	790.78	96.3	100.89	47.3	91.43	492	2747.71	69.1	179.99	19.0	34.56
14	11,961	837.29	101.7	106.57	46.9	90.78	520	2904.57	72.8	189.74	20.0	36.50
15	11,548	808.33	97.2	101.85	46.8	90.46	495	2766.40	69.7	181.63	19.2	34.89
16	11,238	786.65	91.0	95.41	46.7	90.38	457	2555.83	81.7	212.92	17.8	32.46
17	10,961	767.30	90.3	94.69	57.2	110.70	453	2532.13	120.9	315.22	17.7	32.17
18	11,508	805.54	93.7	98.20	67.9	131.39	466	2603.15	125.4	326.89	18.3	33.36
19	11,783	824.82	92.7	97.19	73.8	142.70	456	2547.04	124.1	323.34	18.1	33.01
20	11,410	798.68	88.4	92.63	73.3	141.78	431	2409.83	118.4	308.46	17.3	31.46
21	11,997	839.82	94.7	99.23	72.8	140.94	466	2606.49	126.7	330.23	18.5	33.71
22	12,346	864.19	99.7	104.45	19.6	37.96	501	2802.07	133.3	347.34	19.5	35.48
23	10,205	714.35	83.0	86.98	0.0	0.00	404	2257.68	111.2	289.93	16.2	29.55
24	11,272	789.05	93.2	97.72	0.0	0.00	458	2559.95	124.7	325.09	18.2	33.19
25	11,687	818.07	100.2	105.05	0.0	0.00	499	2790.27	134.7	351.16	19.7	35.90
26	10,524	736.65	90.4	94.77	0.0	0.00	456	2547.57	123.5	321.85	18.0	32.86
27	10,540	737.79	91.6	95.99	24.9	48.26	451	2519.69	123.6	322.01	18.1	32.89
28	10,761	753.29	93.3	97.74	24.9	48.14	466	2602.80	106.8	278.23	18.5	33.63
29	9,762	683.32	83.2	87.19	24.8	47.95	416	2323.10	85.6	223.22	16.6	30.21
30	9,583	670.81	84.8	88.87	24.8	47.90	412	2301.80	85.7	223.45	16.6	30.22
31												
TOTAL	342,046	23,943	2,903	3,042	705	1,364	14,615	81,668	2,823	7,356	571	1,039
AVG	11,402	798.11	97	101.40	23	45.46	487	2722.26	94	245.21	19	34.64
MAX	13,729	961.05	118	123.64	74	142.70	592	3309.58	135	351.16	23	42.00
MIN	9,583	670.81	83	86.98	0	0.00	404	2257.68	68	177.42	16	29.55
COST	\$13,166.75		\$5,257.03		\$10,064.79		\$57,167.41		\$6,179.27		\$3,140.78	
\$/MG	\$41.97		\$16.76		\$32.08		\$182.21		\$19.70		\$10.01	

Public Water System Name: COBA Water Treatment Plant
PWS ID No.: OK 1021508

Month: November
Year: 2024

Date	pH (by Continuous Reading Analyzers)				Hardness and Alkalinity - Finished Water Grab Samples						
	Membrane Filtrate		Finished Water		Hardness (ppm)		Alkalinity (ppm as CaCO ₃)				CaCO ₃ Stability
	Daily Max	Daily Min	Daily Max	Daily Min	AM	PM	Phenol	Phenol	Total	Total	
1	7.9	7.8	8.1	8.1	135.00	134.00	0.00	0.00	112.00	110.00	5.00
2	7.9	7.8	8.2	8.1	134.00	135.00	0.00	0.00	111.00	109.00	6.00
3	7.9	7.8	8.1	8.1	136.00	132.00	0.00	0.00	111.00	108.00	5.00
4	7.8	7.7	8.1	8.0	125.00	132.00	0.00	0.00	107.00	105.00	4.00
5	7.8	7.7	8.1	8.0	129.00	129.00	0.00	0.00	106.00	105.00	2.00
6	7.8	7.0	8.1	7.8	127.00	132.00	0.00	0.00	101.00	107.00	7.00
7	7.0	7.0	8.0	8.0	129.00	129.00	0.00	0.00	103.00	105.00	4.00
8	7.0	7.0	8.0	8.0	131.00	130.00	0.00	0.00	110.00	105.00	5.00
9	7.0	7.0	8.0	8.0	132.00	129.00	0.00	0.00	108.00	102.00	5.00
10	7.0	7.0	8.1	8.0	131.00	128.00	0.00	0.00	112.00	104.00	7.00
11	7.0	7.0	8.1	8.0	120.00	127.00	0.00	0.00	103.00	104.00	7.00
12	7.0	7.0	8.1	8.1	128.00	128.00	0.00	0.00	105.00	104.00	1.00
13	7.0	7.0	8.1	8.0	127.00	132.00	0.00	0.00	104.00	105.00	7.00
14	7.0	7.0	8.0	7.9	133.00	129.00	0.00	0.00	109.00	105.00	4.00
15	7.0	7.0	7.9	7.8	132.00	134.00	0.00	0.00	107.00	104.00	5.00
16	7.0	7.0	7.9	7.8	129.00	125.00	0.00	0.00	103.00	100.00	5.00
17	7.0	7.0	8.0	7.9	125.00	121.00	0.00	0.00	105.00	102.00	1.00
18	7.0	7.0	8.0	8.0	119.00	121.00	0.00	0.00	97.00	100.00	2.00
19	7.0	7.0	8.0	7.9	119.00	118.00	0.00	0.00	99.00	97.00	3.00
20	7.0	7.0	8.0	8.0	114.00	115.00	0.00	0.00	94.00	95.00	5.00
21	7.0	7.0	8.0	8.0	114.00	117.00	0.00	0.00	93.00	92.00	5.00
22	7.0	7.0	8.0	8.0	114.00	119.00	0.00	0.00	97.00	91.00	4.00
23	7.0	7.0	8.0	7.9	116.00	121.00	0.00	0.00	94.00	91.00	1.00
24	7.0	7.0	8.1	8.0	116.00	110.00	0.00	0.00	91.00	90.00	3.00
25	7.0	7.0	8.2	8.1	110.00	114.00	0.00	0.00	90.00	90.00	1.00
26	7.0	7.0	8.2	8.1	112.00	113.00	0.00	0.00	89.00	91.00	4.00
27	7.0	7.0	8.3	8.2	111.00	119.00	0.00	0.00	88.00	87.00	4.00
28	7.0	7.0	8.3	8.1	119.00	117.00	0.00	0.00	92.00	89.00	4.00
29	7.0	7.0	8.1	8.0	113.00	114.00	0.00	0.00	91.00	89.00	4.00
30	7.0	7.0	8.1	8.0	113.00	123.00	0.00	0.00	90.00	86.00	2.00
31											
AVG					123	124	0	0	101	99	4
MAX	7.9	7.8	8.3	8.2	136	135	0	0	112	110	7
MIN	7.0	7.0	7.9	7.8	110	110	0	0	88	86	1

Public Water System Name: COBA Water Treatment Plant
PWS ID No.: OK 1021508

Month: November
Year: 2024

Date	Turbidity (NTU) Continuous Reading Analyzers						Chlorine Residual (Total or Free as Noted, mg/L) Continuous Reading Analyzers					
	Finished Water (Highest Reading in 4-hour Period)						Finished Water Total Chlorine (Min. in 4 Hour Period)					
	12:00 AM	4:00 AM	8:00 AM	12:00 PM	4:00 PM	8:00 PM	12:00 AM	4:00 AM	8:00 AM	12:00 PM	4:00 PM	8:00 PM
1	0.02	0.02	0.02	0.02	0.02	0.02	3.82	3.56	3.59	3.69	3.78	3.82
2	0.02	0.02	0.02	0.02	0.02	0.02	3.75	3.75	3.77	3.79	3.79	3.76
3	0.03	0.02	0.02	0.02	0.02	0.02	3.71	3.73	3.69	3.62	3.61	3.66
4	0.02	0.02	0.02	0.02	0.02	0.02	3.69	3.82	3.84	3.81	3.75	3.72
5	0.02	0.02	0.02	0.02	0.02	0.02	3.66	3.70	3.71	3.71	3.70	3.68
6	0.02	0.02	0.02	0.02	0.02	0.02	3.75	3.67	3.69	3.65	3.71	3.71
7	0.02	0.02	0.02	0.02	0.02	0.02	3.97	3.83	3.85	3.86	3.86	3.87
8	0.02	0.02	0.02	0.02	0.02	0.02	3.69	3.99	3.90	3.82	3.76	3.71
9	0.02	0.02	0.02	0.02	0.02	0.02	3.75	3.68	3.67	3.63	3.63	3.69
10	0.02	0.02	0.02	0.02	0.03	0.02	3.77	3.78	3.79	3.79	3.79	3.78
11	0.02	0.02	0.02	0.02	0.02	0.02	3.77	3.80	3.81	3.79	3.80	3.73
12	0.02	0.02	0.02	0.02	0.02	0.02	3.67	3.77	3.76	3.74	3.68	3.67
13	0.02	0.02	0.02	0.02	0.02	0.02	3.75	3.65	3.63	3.61	3.64	3.71
14	0.02	0.02	0.02	0.02	0.02	0.02	3.76	3.80	3.83	3.81	3.79	3.80
15	0.02	0.02	0.02	0.02	0.02	0.02	3.67	3.75	3.74	3.73	3.72	3.65
16	0.02	0.02	0.02	0.02	0.02	0.02	3.70	3.64	3.70	3.64	3.62	3.63
17	0.02	0.02	0.02	0.02	0.02	0.03	3.70	3.73	3.73	3.69	3.68	3.68
18	0.02	0.02	0.02	0.02	0.02	0.02	3.61	3.69	3.70	3.67	3.64	3.62
19	0.02	0.02	0.02	0.02	0.02	0.02	3.69	3.61	3.60	3.62	3.64	3.71
20	0.02	0.02	0.02	0.02	0.02	0.02	3.79	3.77	3.78	3.78	3.78	3.78
21	0.02	0.02	0.02	0.02	0.02	0.02	3.90	3.82	3.84	3.86	3.87	3.89
22	0.02	0.02	0.02	0.02	0.02	0.03	3.82	3.86	3.91	3.88	3.88	3.84
23	0.02	0.03	0.02	0.02	0.02	0.02	3.81	3.82	3.81	3.78	3.77	3.78
24	0.02	0.02	0.03	0.02	0.02	0.02	3.88	3.76	3.85	3.85	3.86	3.92
25	0.02	0.02	0.02	0.02	0.02	0.02	3.87	3.89	3.91	3.90	3.91	3.93
26	0.02	0.02	0.02	0.02	0.02	0.02	3.80	3.91	3.90	3.86	3.83	3.82
27	0.02	0.02	0.02	0.02	0.02	0.02	3.89	3.80	3.81	3.82	3.84	3.87
28	0.02	0.02	0.02	0.02	0.02	0.02	3.89	3.96	3.94	3.93	3.87	3.90
29	0.02	0.02	0.02	0.02	0.02	0.02	3.85	3.87	3.84	3.83	3.84	3.85
30	0.02	0.02	0.02	0.02	0.02	0.02	3.83	3.88	3.85	3.82	3.76	3.81
31												
AVG	0.02	0.02	0.02	0.02	0.02	0.02	3.8	3.8	3.8	3.8	3.8	3.8
MAX	0.03	0.03	0.03	0.02	0.03	0.03	4.0	4.0	3.9	3.9	3.9	3.9
MIN	0.02	0.02	0.02	0.02	0.02	0.02	3.6	3.6	3.6	3.6	3.6	3.6

Finished Water Turbidity Summary and Statistics

	No. of Samples	Percent of Total Samples
Turbidity Greater Than 0.5 NTU	0	0
Turbidity Greater Than 0.3 NTU	0	0
Turbidity Greater Than 0.1 NTU	0	0

Total Number of Turbidity Samples	180
-----------------------------------	-----

PWSID 1021508

SYSTEM

COBA WTP

MONTH November

*Type of Material Applied

Hydrofluosilicic Acid

YEAR 2024

Date	Water Treated 1,000s of Gallons	APPLIED		RESIDUAL F, ppm (RAW)		RESIDUAL F, ppm (FINISHED WATER)	
		LBS/DAY	PPM of F	AM	PM	AM	PM
1	11,567	40	0.41	0.43	0.53	0.78	0.83
2	10,633	36	0.41	0.38	0.20	0.74	0.52
3	11,103	39	0.42	0.34	0.40	0.76	0.73
4	11,306	38	0.41	0.35	0.28	0.76	0.66
5	10,286	35	0.41	0.17	0.37	0.72	0.77
6	10,611	36	0.40	0.28	0.28	0.69	0.70
7	12,330	42	0.41	0.43	0.29	0.76	0.77
8	10,151	35	0.41	0.38	0.34	0.76	0.61
9	10,331	35	0.41	0.35	0.33	0.69	0.69
10	10,841	37	0.41	0.38	0.49	0.74	0.81
11	10,800	37	0.41	0.44	0.34	0.79	0.85
12	10,072	34	0.41	0.38	0.39	0.75	0.82
13	10,194	35	0.41	0.45	0.36	0.89	0.84
14	10,686	37	0.41	0.24	0.34	0.67	0.74
15	10,257	35	0.41	0.14	0.32	0.69	0.86
16	9,577	32	0.41	0.20	0.31	0.65	0.76
17	9,379	32	0.41	0.27	0.09	0.69	0.75
18	10,070	33	0.40	0.28	0.34	0.70	0.68
19	10,116	33	0.39	0.17	0.30	0.81	0.75
20	9,703	31	0.39	0.14	0.14	0.70	0.68
21	9,355	34	0.43	0.16	0.26	0.51	0.61
22	9,818	35	0.43	0.24	0.31	0.80	0.65
23	9,001	30	0.39	0.23	0.48	0.68	0.89
24	9,886	33	0.40	0.29	0.25	0.65	0.81
25	10,090	36	0.43	0.43	0.16	0.77	0.56
26	9,557	33	0.41	0.25	0.34	0.49	0.76
27	9,697	33	0.41	0.31	0.46	0.70	0.85
28	9,872	34	0.41	0.34	0.32	0.70	0.67
29	8,793	30	0.41	0.20	0.42	0.78	0.70
30	9,050	30	0.40	0.25	0.22	0.55	0.70
31							
Total	305,131	1,039					
Avg.	10,171	35	0.41	0.30	0.32	0.71	0.73

*Example: Sodium Fluoride, Sodium Fluorosilicate (Sodium Silicofluoride), and
Fluorosilicic Acid (Hydrofluosilicic Acid)

It is required that this report be received by the 10th of the following month.

SEND TO: OSDH-Dental Health Services AND

1000 N.E. Tenth Street

Oklahoma City, OK 73117-1299

Dept of Environmental Quality

PO Box 1677

Oklahoma City, OK 73101-1677

I hereby certify the above to be

correct to the best of my knowledge.

Signed

Title: Water Plant Manager

City Broken Arrow

ODH Form No. 561 / DEQ Form 631-001

Notes:

Public Water System Name: COBA Water Treatment Plant

Month: November

PWS ID No.: OK 1021508

Year: 2024

Date	Distribution Total Chlorine mg/L A.M. Sample				Distribution Total Chlorine mg/L P.M. Sample			
	Time	Location	mg/L	Sampler	Time	Location	mg/L	Sampler
1	08:49	813 E. Waco St.	3.40	M.L	12:16	2124 E. Concord St.	3.40	M.L
2	11:46	7900 E. Norman St.	3.80	S.B	12:11	1301 N. 53rd St.	3.50	S.B
3	11:46	1308 E. Concord St.	3.20	T.R.	12:39	224 W. Freeport St.	3.40	T.R.
4	10:12	1301 N. 53rd St.	3.40	M.L.	12:02	804 N. 1st Pl.	3.50	M.L.
5	08:47	13725 S. 124th E. Ave.	2.90	M.L.	12:09	1116 W. Granger St.	3.00	M.L.
6	09:50	2101 W. Gary St.	3.10	M.L.	12:52	1005 N. Willow Ave.	3.30	M.L.
7	08:53	824 W. Waco St.	3.20	M.L.	12:03	1200 E. Dover St.	3.50	M.L.
8	10:24	532 S. Tamarack Ave	2.80	M.L	12:47	2705 E. Galveston Pl.	3.80	M.L
9	11:45	2513 E Dallas St.	3.20	ME	12:35	4705 S Elm Pl.	3.40	ME
10	11:55	1903 W. Rockport Pl.	3.40	R.M.	12:20	1729 S. Pine Ave.	3.60	R.M.
11	11:39	4121 E. Omaha St.	3.30	T.R.	12:24	2700 N. 7th St.	3.10	T.R.
12	09:49	4608 W. Eagle Pass St.	2.70	M.L.	12:36	506 E. Dallas St.	3.40	M.L.
13	10:56	322 W. Detroit St.	3.20	M.L.	13:41	1903 W. Rockport Pl.	3.20	M.L.
14	08:56	515 W. Quanah Pl.	3.30	M.L.	13:16	2513 E. Dallas St.	3.40	M.L.
15	08:50	3705 S. Yellowwood Ave.	3.30	M.L.	12:11	3604 S. 16th St.	3.50	M.L.
16	11:31	36500 E. 66th St. S.	3.60	S.B	16:25	6057 S. 353rd E. Ave	3.40	S.B
17	11:50	7213 S. Dennis Blvd.	3.70	R.M.	12:30	702 E. Mason Dr.	3.50	R.M.
18	10:14	1116 W. Granger St.	3.10	M.L.	12:51	12314 E. 126th Pl.	2.90	M.L.
19	08:55	4121 E. Omaha St.	2.50	M.L.	12:04	1817 S. Willow Ave.	2.20	M.L.
20	08:41	7500 S. Brich Ave.	3.20	M.L.	13:04	403 S. 5th Pl.	2.80	M.L.
21	08:32	1423 E. Concord Pl.	3.20	M.L.	14:42	2501 W. Ithica St.	2.70	M.L.
22	09:47	3036 W. Norman	3.20	M.L	12:00	3317 S. Ash Ct	3.20	M.L
23	11:57	3901 S Elm Pl.	3.50	ME	12:58	2513 E Dallas St.	3.30	ME
24	11:52	4001 S. Chestnut Ave.	3.10	T.R.	12:48	2700 N. 7th St.	3.40	T.R.
25	09:43	7213 S. Dennis Blvd.	3.90	M.L.	13:24	601 N. Palm Ave.	3.80	M.L.
26	10:41	1817 S. Date Ave.	3.10	M.L.	13:19	601 N. Palm Ave.	3.30	M.L.
27	08:32	6609 S. Chestnut Ave.	3.10	M.L.	13:06	901 S. Poplar Ave.	3.20	M.L.
28	11:43	702 E. Mason Dr.	3.70	S.B	12:11	708 W. Waco St.	3.70	S.B
29	11:47	322 W Detroit St.	3.60	ME	12:25	605 S Elder Ave.	2.90	ME
30	11:24	2513 E. Dallas St.	3.50	S.B	12:11	7900 E Norman St.	3.70	S.B

Average 3.27

Min. 2.50

Max. 3.90

Average 3.30

Min. 2.20

Max. 3.80



City of Broken Arrow

Request for Action

File #: 24-1696, **Version:** 1

**Broken Arrow Municipal Authority
Meeting of: 01-07-2025**

Title:

Acknowledgement of submittal of the Broken Arrow Municipal Authority's Wastewater Discharge Monitoring Report for the month of November 2024

Background:

In an effort to provide the Authority and the Public more information with respect to our community's wastewater collection and treatment at the City's Lynn Lane Wastewater Treatment Plant, the Utilities Department staff is attaching a copy of the November 2024 Oklahoma Department of Environmental Quality (ODEQ) Discharge Monitoring Report (DMR) submitted to ODEQ on December 16, 2024.

Over the course of the month of November 2024, the total wastewater collected, treated and discharged was 222.882 million gallons (MG). The average daily effluent flow was 6.758 MG.

This report will be updated on a monthly basis. Staff recommends the Authority acknowledge submittal of the Report.

Cost: None

Funding Source: None

Requested By: Timothy S. Robins, PE, Utilities Department Director

Approved By: City Manager's Office

Attachments: November Discharge Monitoring Report
November Monthly Operational Report

Recommendation:

Acknowledge submittal of the November 2024 Monthly Discharge Monitoring Report

**National Pollutant Discharge Elimination System (NPDES)
Oklahoma Department of Environmental Quality Discharge Monitoring Report (DMR)**

PERMITTEE NAME: City of Broken Arrow
MAILING ADDRESS: P.O. Box 610
Broken Arrow, OK 74013
FACILITY: Broken Arrow WWT
LOCATION: NESESES11T17NR14EIM
Broken Arrow, OK 74013

PERMIT NUMBER: OK0040053
MONITORING POINT: 001A

COUNTY: Tulsa

Monitoring Period: 2024-11-01 To: 2024-11-30

NO DISCHARGE FROM SITE: ()

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
		Average	Maximum		Minimum	Average	Maximum				
BOD, 5-DAY (20 DEG. C)	Sample Measurement	156.48	*****	26 lbs/day	*****	2.60	3.04	19 mg/l	0	Five Per Week	COMP12
PARAM CODE: 00310 Stage Code: 1 Effluent Gross	Permit Requirement	2001.6 Monthly Average	*****		*****	30 Monthly Average	45 Weekly Average			Five Per Week	COMP12
PH	Sample Measurement	*****	*****		7.0	*****	7.4	12 S.U.	0	Daily	GRAB
PARAM CODE: 00400 Stage Code: 1 Effluent Gross	Permit Requirement	*****	*****		6.5 Minimum	*****	9.0 Maximum			Daily	GRAB
SOLIDS, TOTAL SUSPENDED	Sample Measurement	148.74	*****	26 lbs/day	*****	2.38	3.06	19 mg/l	0	Five Per Week	COMP12
PARAM CODE: 00530 Stage Code: 1 Effluent Gross	Permit Requirement	2001.6 Monthly Average	*****		*****	30 Monthly Average	45 Weekly Average			Five Per Week	COMP12
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	Sample Measurement	6.758	13.285	03 MGD	*****	*****	*****		0	Daily	TOTALZ
PARAM CODE: 50050 Stage Code: 1 Effluent Gross	Permit Requirement	Report Monthly Average	Report Maximum Daily		*****	*****	*****			Daily	TOTALZ
CHLORINE, TOTAL RESIDUAL	Sample Measurement	*****	*****		*****	*****	5.67	19 mg/l	1	Daily	GRAB
PARAM CODE: 50060 Stage Code: A Disinfection, Process Complete	Permit Requirement	*****	*****		*****	*****	0.099 Instantaneous Maximum			Daily	GRAB
E.COLI	Sample Measurement	*****	*****		*****	2.6	10.9	30 MPN/100mL	0	Weekly	GRAB
PARAM CODE: 51040 Stage Code: 1 Effluent Gross	Permit Requirement	*****	*****		*****	630 Geometric Mean	2030 Maximum Daily			Weekly	GRAB
SOLIDS, TOTAL DISSOLVED-180 DEG.C	Sample Measurement	13193	*****	26 lbs/day	*****	380	380	19 mg/l	0	Monthly	COMP12
PARAM CODE: 70300 Stage Code: 1 Effluent Gross	Permit Requirement	77929 Monthly Average	*****		*****	1168 Monthly Average	1168 Maximum Daily			Monthly	COMP12

Name/Title of Principal Executive Officer Or Authorized Agent	I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.	Signature of Principal Executive Officer Or Authorized Agent	Telephone No
WRF Manager		David Handy	539-367-5873

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

**National Pollutant Discharge Elimination System (NPDES)
Oklahoma Department of Environmental Quality Discharge Monitoring Report (DMR)**

PERMITTEE NAME: City of Broken Arrow
MAILING ADDRESS: P.O. Box 610
Broken Arrow, OK 74013
FACILITY: Broken Arrow WWT
LOCATION: NESESES11T17NR14EIM
Broken Arrow, OK 74013

PERMIT NUMBER: OK0040053

MONITORING POINT: 001A

COUNTY: Tulsa

Monitoring Period: 2024-11-01 To: 2024-11-30

NO DISCHARGE FROM SITE: ()

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
		Average	Maximum		Minimum	Average	Maximum				
MERCURY, TOTAL (AS HG)	Sample Measurement	0.0033	*****	26 lbs/day	*****	< 0.05	< 0.05	28 ug/l	0	Monthly	COMP12
PARAM CODE: 71900 Stage Code: 1 Effluent Gross	Permit Requirement	0.0635 Monthly Average	*****		*****	0.952 Monthly Average	1.9 Maximum Daily		Monthly	COMP12	
Name/Title of Principal Executive Officer Or Authorized Agent	I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.						Signature of Principal Executive Officer Or Authorized Agent		Telephone No		
WRF Manager							David Handy		539-367-5873		

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

Page 2

**National Pollutant Discharge Elimination System (NPDES)
Oklahoma Department of Environmental Quality Discharge Monitoring Report (DMR)**

PERMITTEE NAME: City of Broken Arrow
MAILING ADDRESS: P.O. Box 610
Broken Arrow, OK 74013
FACILITY: Broken Arrow WWT
LOCATION: NESESES11T17NR14EIM
Broken Arrow, OK 74013

PERMIT NUMBER: OK0040053

MONITORING POINT: TX1A

COUNTY: Tulsa

Monitoring Period : 2024-11-01 To: 2024-11-30

NO DISCHARGE FROM SITE: ()

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
		Average	Maximum		Minimum	Average	Maximum				
PH	Sample Measurement	*****	*****		*9	*****	*9	12 S.U.	0	Monthly	MEASRD
PARAM CODE: 00400 Stage Code: 1 Effluent Gross	Permit Requirement	*****	*****		Report Minimum Daily	*****	Report Maximum Daily			Monthly	MEASRD
NITROGEN, AMMONIA TOTAL (AS N)	Sample Measurement	*****	*****		*9	*9	*9	19 mg/l	0	Monthly	COMP24
PARAM CODE: 00610 Stage Code: 1 Effluent Gross	Permit Requirement	*****	*****		Report Minimum Daily	Report Monthly Average	Report Maximum Daily			Monthly	COMP24
WHOLE EFFLUENT TOXICITY	Sample Measurement	*****	*****		*9	*****	*****	23 %	0	Monthly	COMP24
PARAM CODE: 22414 Stage Code: 1 Effluent Gross	Permit Requirement	*****	*****		100 48 Hour Minimum	*****	*****			Monthly	COMP24
LC50 STATRE 48HR ACU PIMEPHALES	Sample Measurement	*****	*****		*9	*****	*****	23 %	0	Monthly	COMP24
PARAM CODE: TAM6C Stage Code: 1 Effluent Gross	Permit Requirement	*****	*****		Report 48 Hour Minimum	*****	*****			Monthly	COMP24
LC50 STATRE 48HR ACU P. PROMELAS	Sample Measurement	*****	*****		*9	*****	*****	9A pass (0)/fail(1)	0	Monthly	COMP24
PARAM CODE: TIM6C Stage Code: 1 Effluent Gross	Permit Requirement	*****	*****		Report 48 Hour Minimum	*****	*****			Monthly	COMP24
%MORTALITY 48HR ACUTE P. PROMELAS TEST	Sample Measurement	*****	*****		*9	*****	*****	23 %	0	Monthly	COMP24
PARAM CODE: TJM6C Stage Code: 1 Effluent Gross	Permit Requirement	*****	*****		Report 48 Hour Minimum	*****	*****			Monthly	COMP24
Name/Title of Principal Executive Officer Or Authorized Agent		I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.						Signature of Principal Executive Officer Or Authorized Agent		Telephone No	
WRF Manager								David Handy		539-367-5873	

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

Page 3

GENERAL REPORT COMMENT:

Nov. 15 - Clarifier weir was cleaned with 12.5% sodium hypochlorite to remove heavy algae.



I hereby certify the above to be correct to the best of my knowledge.

31



City of Broken Arrow

Request for Action

File #: 24-1684, **Version:** 1

**Broken Arrow Municipal Authority
Meeting of: 01-07-2025**

Title:

Approval of and authorization to execute a Professional Consultant Agreement with HDR Engineering, Inc. for Verdigris River Water Treatment Plant On-Site Hypochlorite Generation System Brine Tank (Project No. 2154350)

Background:

The Verdigris River Water Treatment Plant currently has one Brine Tank. To prepare for future growth in the City of Broken Arrow and to help with redundancy and peak flow one additional Brine Tank will be added. This project is for the design of one additional Brine Tank to the existing Verdigris River Water Treatment Plant and includes the associated site/civil, structural, electrical, and instrumentation and control improvements to support the proposed facility. HDR Engineering, Inc. will design these improvements.

The Verdigris River Water Treatment Plant On-Site Hypochlorite Generation System Brine Tank Agreement has been negotiated with HDR Engineering, Inc. for \$163,411.00.

Cost: \$163,411.00

Funding Source: OWRB Loan

Requested By: Charlie Bright, P.E., Director of Engineering & Construction

Approved By: City Manager's Office

Attachments: 20250107-Agreement with HDR for VRWTP On-Site Hypochlorite Generation System Brine Tank-2154350

Recommendation:

Approve and authorize execution of a Professional Consultant Agreement with HDR Engineering, Inc. for Verdigris River Water Treatment Plant On-Site Hypochlorite Generation System Brine Tank (Project No. 2154350)

**AGREEMENT SUMMARY
BROKEN ARROW MUNICIPAL AUTHORITY

VERDIGRIS RIVER WATER TREATMENT PLANT
ON-SITE HYPOCHLORITE GENERATION SYSTEM BRINE TANK

PROFESSIONAL CONSULTANT AGREEMENT
PROJECT NO. 2154350**

1.0 Professional Consulting Firm:

1.1 Name: HDR Engineering, Inc.
1.2 Telephone No.: 972-960-4400
1.3 Address: 17111 Preston Road, Suite 300
Dallas, TX 75248-1232

2.0 Project Name/Location: Verdigris River Water Treatment Plant (VRWTP) On-site Hypochlorite Generation System Brine Tank, Broken Arrow, OK

3.0 Statement of Purpose: CONSULTANT understands that the OWNER has retained their professional services to conduct preliminary design, final design, bidding phase and construction phase services for the addition of a brine storage tank for the on-site hypochlorite generation system at the VRWTP. The documents shall include, but not be limited to, the following: preliminary design report, construction plans detailing the intent of the PROJECT; construction specifications; general conditions and special conditions; and opinion of probable construction cost.

4.0 Agreement Summary:

4.1 Agreement Amount:

Administrative/Managerial Duties	\$ 15,924.00
Preliminary Design Phase	\$ 18,094.00
Final Design Phase	\$ 96,850.00
Bid Assistance Phase	\$ 8,766.00
Construction Services Phase	\$ 23,777.00
TOTAL AGREEMENT AMOUNT	\$ 163,411.00

4.2 Agreement Time (Design only): 165 calendar days
4.3 Estimated Construction Cost: \$1,500,000

5.0 Agreement Approved by the OWNER on: _____

**AGREEMENT
FOR
PROFESSIONAL CONSULTANT SERVICES
BETWEEN
BROKEN ARROW MUNICIPAL AUTHORITY
AND
HDR ENGINEERING, INC.
FOR
VERDIGRIS RIVER WATER TREATMENT PLANT
ON-SITE HYPOCHLORITE GENERATION SYSTEM BRINE TANK
PROJECT NO. 2154350**

This AGREEMENT, including Attachment A through Attachment E, between the Broken Arrow Municipal Authority (OWNER) and HDR Engineering, Inc., (CONSULTANT);

WITNESSETH:

WHEREAS, OWNER intends to construct improvements to the on-site hypochlorite generation system at the Verdigris River Water Treatment Plant (PROJECT) for which, OWNER has requested that CONSULTANT provide certain professional services as required and,

WHEREAS, CONSULTANT is qualified and capable to provide the professional services required;

NOW, therefore, in consideration of the promises contained in this AGREEMENT, OWNER and CONSULTANT agree as follows:

ARTICLE 1 - EFFECTIVE DATE

This AGREEMENT shall be effective upon signature of both parties.

ARTICLE 2 - GOVERNING LAW

This AGREEMENT shall be governed by the laws of the State of Oklahoma and venue for any action concerning this AGREEMENT shall be in the District Court of Tulsa County, Oklahoma.

ARTICLE 3 - SERVICES TO BE PERFORMED BY CONSULTANT

CONSULTANT shall perform the SERVICES described in Attachment A, Scope of Services. CONSULTANT and OWNER agree CONSULTANT'S work performed under this AGREEMENT are performed as an independent contractor. If construction phase services are included, the CONSULTANT shall be the OWNER'S agent and representative to observe, record and report with respect to all services that are required or authorized by the construction documents. OWNER and CONSULTANT agree that the services to be performed under this AGREEMENT by the CONSULTANT shall be as an independent contractor.

ARTICLE 4 – ORGANIZATION OF SUBMITAL DOCUMENTS

CONSULTANT shall prepare the documents as described in Attachment B as part of this AGREEMENT.

ARTICLE 5 - COMPENSATION

OWNER shall pay CONSULTANT in accordance with Attachment C, Compensation and Additional Services.

ARTICLE 6 - OWNER'S RESPONSIBILITIES

OWNER shall be responsible for all matters described in Attachment D, OWNER'S Responsibilities and Special Conditions.

ARTICLE 7 - STANDARD OF CARE

CONSULTANT shall perform the SERVICES undertaken in a manner consistent with the prevailing accepted standard for similar services with respect to projects of comparable function and complexity, and with the applicable state laws, as well as the specific codes, regulations, design criteria and construction specifications adopted by the owner and other governing policies published and generally considered authoritative by CONSULTANT'S profession that are in effect at the time of performance of these SERVICES. CONSULTANT is obligated to perform professional services in accordance with the foregoing standard with respect to the laws, codes, regulations, design criteria and construction specifications that are applicable pursuant to this AGREEMENT.

ARTICLE 8 - LIABILITY

8.1 General. Having considered the potential liabilities that may exist during the performance of these SERVICES, the benefits of the PROJECT, and CONSULTANT'S fee for the SERVICES; and in consideration of the promises contained in this AGREEMENT, OWNER and CONSULTANT agree to allocate and limit such liabilities in accordance with Article 10.

8.2 Indemnification. CONSULTANT agrees to defend, indemnify, and hold harmless OWNER, and its agents and employees, from and against legal liability for all claims, losses, damages, and expenses to the extent such claims, losses, damages, or expenses are caused by the negligent or intentional acts, errors, or omissions of CONSULTANT, its agents or employees. In the event claims, losses, damages, or expenses are caused by the joint or concurrent negligence of OWNER and CONSULTANT, or their agents or employees, then they shall be borne by each party in proportion to each entity's own negligence.

8.3 Consequential Damages. OWNER shall not be liable to CONSULTANT for any special, indirect, or consequential damages resulting in any way from the performance of the SERVICES such as, but not limited to, loss of use, loss of revenue, or loss of anticipated profits.

8.4 Survival. Upon completion of all SERVICES, obligations, and duties provided for in this AGREEMENT, or if this AGREEMENT is terminated for any reason, the terms and conditions of this Article 8 shall survive.

ARTICLE 9 - INSURANCE

During the performance of the SERVICES under this AGREEMENT, CONSULTANT shall maintain the following insurance:

- (1) General Liability Insurance, with a combined single limit of \$1,000,000 for each occurrence and \$1,000,000 in the aggregate;
- (2) Automobile Liability Insurance, with a combined single limit of not less than \$1,000,000 for each person, not less than \$1,000,000 for each accident and not less than \$1,000,000 for property damage; and
- (3) Professional Liability Insurance, with a limit of \$1,000,000 annual aggregate.

CONSULTANT shall furnish OWNER certificates of insurance, which shall include a provision that such insurance shall not be canceled without at least thirty (30) days written notice to OWNER. All PROJECT sub-consultants shall be required to name OWNER and CONSULTANT as certificate holders on their certificate of insurance for the PROJECT and shall be required to indemnify OWNER and CONSULTANT to the same extent. CONSULTANT shall be held

responsible to submit certificates of insurance for sub-consultants to OWNER prior to the sub-consultant's release to commence work.

ARTICLE 10 - LIMITATIONS OF RESPONSIBILITY

CONSULTANT shall not be responsible for: (1) construction means, methods, techniques, sequences, procedures, or safety precautions and programs in connection with the construction of the PROJECT; or (2) procuring permits, certificates, and licenses required for any construction unless such responsibilities are specifically assigned to CONSULTANT in Attachment A, Scope of Services.

ARTICLE 11 - LIMITATIONS OF RESPONSIBILITIES FOR ACTS OF OTHERS

CONSULTANT shall not at any time supervise, direct, control or have authority over any work performed by any employee, contractor or other agent of OWNER. CONSULTANT shall not be responsible for the acts or omissions of any employee, contractor or other agent associated with the PROJECT except for its own employees, subcontractors and other agents.

ARTICLE 12 - OPINIONS OF COST AND SCHEDULE

Since CONSULTANT has no control over the cost of labor, materials, or equipment furnished by others, or over the resources provided by others to meet PROJECT schedules, CONSULTANT'S opinion of probable costs and of PROJECT schedules shall be made on the basis of experience and qualifications as a professional. CONSULTANT does not guarantee that proposals, bids, or actual PROJECT costs will conform to OWNER'S cost estimates or that actual schedules will conform to OWNER'S projected schedules.

ARTICLE 13 - REUSE OF DOCUMENTS

All documents, including, but not limited to, drawings, specifications, and details, reports, etc. prepared by CONSULTANT pursuant to this AGREEMENT are instruments of service in respect to the PROJECT. They are not intended or represented to be suitable for reuse by CONSULTANT or others on extensions of the PROJECT or on any other project. Any reuse or adaptation without prior written verification by the OWNER for the specific purpose intended will be at CONSULTANT'S sole risk and without liability or legal exposure to the OWNER. CONSULTANT shall defend, indemnify, and hold harmless the OWNER against all claims, losses, damages, injuries, and expenses, including attorney's fees, arising out of or resulting from such reuse.

ARTICLE 14 - OWNERSHIP OF DOCUMENTS AND INTELLECTUAL PROPERTY

Except as otherwise provided herein, engineering documents, drawings, and specifications prepared by CONSULTANT as part of the SERVICES shall become the property of OWNER. CONSULTANT shall retain its rights in its standard drawing details, specifications, data bases, computer software, and other proprietary property. Rights to intellectual property developed, utilized, or modified in the performance of the SERVICES shall remain the property of CONSULTANT, but shall be provided to the OWNER, at no additional expense to the OWNER.

ARTICLE 15 - TERMINATION

This AGREEMENT may be terminated by either party upon written notice in the event of substantial failure by either party to perform in accordance with the terms of this AGREEMENT. The non-performing party shall have fifteen (15) calendar days from the date of the termination notice to cure or to submit a plan for cure acceptable to the other party.

OWNER may suspend performance of this AGREEMENT for OWNER'S convenience upon written notice to CONSULTANT. Upon restart, an equitable adjustment may be made to CONSULTANT'S compensation, if the period of suspension has created an economic hardship for the CONSULTANT.

ARTICLE 16 - DELAY IN PERFORMANCE

Neither OWNER nor CONSULTANT shall be considered in default of this AGREEMENT for delays in performance caused by circumstances beyond the reasonable control of the non-performing party. For purposes of this AGREEMENT, such circumstances include, but are not limited to, abnormal weather conditions such as floods, earthquakes, fire; civil disturbances such as war, riots, or other civil epidemic; power outages, strikes, lockouts, work slowdowns, or other labor disturbances; sabotage; judicial restraint, and inability to procure permits, licenses, or authorizations from any local, state, or federal agency for any of the supplies, materials, accesses, or services required to be provided by either OWNER or CONSULTANT under this AGREEMENT.

Should such circumstances occur, the non-performing party shall, within a reasonable time of being prevented from performing, give written notice to the other party describing the circumstances preventing continued performance and the efforts being made to resume performance of this AGREEMENT.

ARTICLE 17 - WAIVER

A waiver by either OWNER or CONSULTANT of any breach of this AGREEMENT shall be in writing. Such a waiver shall not affect the waiving party's rights with respect to any other or further breach.

ARTICLE 18 - SEVERABILITY

The invalidity, illegality, or unenforceability of any provision of this AGREEMENT or the occurrence of any event rendering any portion or provision of this AGREEMENT void shall in no way affect the validity or enforceability of any other portion or provision of this AGREEMENT. Any void provision shall be deemed severed from this AGREEMENT, and the balance of this AGREEMENT shall be construed and enforced as if this AGREEMENT did not contain the particular portion or provision held to be void. The parties further agree to amend this AGREEMENT to replace any stricken provision with a valid provision that comes as close as possible to the intent of the stricken provision. The provisions of this Article shall not prevent this entire AGREEMENT from being void should a provision which is of the essence of this AGREEMENT be determined void.

ARTICLE 19 - INTEGRATION

This AGREEMENT represents the entire and integrated AGREEMENT between OWNER and CONSULTANT. It supersedes all prior and contemporaneous communications, representations, and agreements, whether oral or written, relating to the subject matter of this AGREEMENT.

ARTICLE 20 - SUCCESSORS AND ASSIGNS

To the extent permitted by Article 22, OWNER and CONSULTANT each binds itself and its successors and assigns to the other party to this AGREEMENT.

ARTICLE 21 - ASSIGNMENT

Neither OWNER nor CONSULTANT shall assign its duties under this AGREEMENT without the prior written consent of the other party. Unless otherwise stated in the written consent to an assignment, no assignment will release or discharge the assignor from any obligation under this AGREEMENT. Nothing contained in this Article shall prevent CONSULTANT from employing independent sub-consultants, associates, and sub-contractors to assist in the performance of the SERVICES. However, third party entities must comply with Article 9.

ARTICLE 22 - THIRD PARTY RIGHTS

Nothing in this AGREEMENT shall be construed to give any rights or benefits to anyone other than OWNER and CONSULTANT.

ARTICLE 23 - COMPLETION

CONSULTANT shall complete the services within the time frame outlined on Attachment E, Project Schedule, subject to conditions which are beyond the control of the CONSULTANT.

ARTICLE 24 - IMMIGRATION COMPLIANCE

24.1 CONSULTANT shall demonstrate that he:

24.1.1 Has complied, and shall at all times during the term of this AGREEMENT, comply in all respects with all immigration-related laws, statutes, ordinances and regulations including without limitation, the Immigration and Nationality Act, as amended, the Immigration Reform and Control Act of 1986, as amended, and the Oklahoma Taxpayer and Citizen Protection Act of 2007 (Oklahoma HB 1804) and any successor laws, ordinances or regulations (collectively, the Immigration Laws"); and

24.1.2 Has properly maintained, and shall at all times during the term of this AGREEMENT, maintain any and all employee records required by the U.S. Department of Homeland Security ("DHS"), including, without limitation, properly completed and maintained Form I-9s for each of the CONSULTANTs employees; and

24.1.3 Has verified the employment eligibility for all employees hired on or after July 1, 2008, through DHS's E-Verify system, and shall at all times continue to verify the employment eligibility of all employees hired during the term of this AGREEMENT; and

24.1.4 Has required, and will at all times during the term of this AGREEMENT, require any sub-contractor utilized, hired or sub-contracted for by CONSULTANT for the completion or undertaking of any duties, tasks or responsibilities under this AGREEMENT, to comply the requirements and obligations imposed by the Immigration Laws and set forth in Paragraph (I), parts (a), (b) and (c), above, with regards to each of the sub-contractor's employees.

24.2 CONSULTANT will indemnify, defend and hold harmless OWNER against any loss, cost, liability, expense (including, without limitation, costs and expenses of litigation and reasonable attorney's fees) demands, claims, actions, causes of action, liabilities, suits, damages, including special and consequential damages that arise from or in connection with, directly or indirectly, CONSULTANTs failure, deliberate or negligent, to fulfill its obligations and representations regarding verifying the employment eligibility of its employees and the employees of any subcontractor utilized by CONSULTANT as set forth more fully in Paragraph 24.1 above.

ARTICLE 25 - COMMUNICATIONS

Any communication required by this AGREEMENT shall be made in writing to the address specified below:

OWNER:	Broken Arrow Municipal Authority 485 N. Poplar Avenue Broken Arrow, OK 74012 Contact: Emily Rowland, P.E. Environmental Division Manager
--------	--

CONSULTANT:	HDR Engineering, Inc. 17111 Preston Road, Suite 300 Dallas, TX 75248-1232 972-960-4400 Contact: Joel Cantwell, P.E. Vice President, Project Manager
-------------	--

Nothing contained in this Article shall be construed to restrict the transmission of routine communications between representatives of OWNER and CONSULTANT.

IN WITNESS WHEREOF, the General Manager of the Broken Arrow Municipal Authority, Oklahoma has hereunto set his hand, for and on behalf of the Broken Arrow Municipal Authority and the CONSULTANT has signed, or caused his name to be signed, and seal affixed by proper authority, the day and year first above-written and these presents have been executed in triplicate counterparts.

OWNER:

Broken Arrow Municipal Authority

By:


Michael L. Spurgeon,
General Manager

Date:

CONSULTANT:

HDR Engineering, Inc.

By:


Lucas A. Bathurst,
Vice President, Area Manager

Date:


December 20, 2024

(CORPORATE SEAL, IF APPLICABLE)

Attest:

Secretary [Seal]

Attest:


Jenifer Rayshell, Admin. Assistant

Date:

Date:

December 20, 2024

Approved as to form:

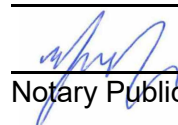

Assistant City Attorney

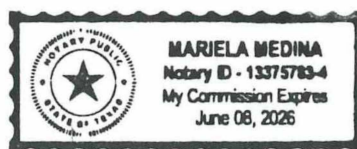
VERIFICATION

State of) Texas
) §
County of) Dallas

Before me, a Notary Public, on this 20th day of December, 2024, personally appeared Lucas A. Bathurst, known to be to be the (President, Vice-President, Corporate Officer, Member, or Other: _____) of HDR Engineering, Inc., and to be the identical person who executed the within and foregoing instrument, and acknowledged to me that he/she executed the same as his/her free and voluntary act and deed for the uses and purposes therein set forth.

My Commission Expires:
June 08, 2026


Notary Public



**ATTACHMENT A
TO
AGREEMENT FOR PROFESSIONAL CONSULTING SERVICES
BETWEEN
BROKEN ARROW MUNICIPAL AUTHORITY (OWNER)
AND
HDR ENGINEERING, INC. (CONSULTANT)
FOR
VERDIGRIS RIVER WATER TREATMENT PLANT
ON-SITE HYPOCHLORITE GENERATION SYSTEM BRINE TANK
PROJECT NO. 2154350**

SCOPE OF SERVICES

The following scope of services shall be made a part of the AGREEMENT dated the ____ day of _____, 202__.

1.0 PROJECT UNDERSTANDING

- 1.1 CONSULTANT understands that the OWNER has retained their professional services to conduct preliminary design, final design, bid phase and construction phase services for construction of a brine storage tank for the on-site hypochlorite generation system at the VRWTP. The PROJECT deliverables will include, but not be limited to, the following: preliminary design report, construction plans detailing the intent of the PROJECT; construction specifications; general conditions and special conditions; and opinion of probable construction cost (OPCC).

CONSULTANT understands that the improvements will include the addition of a brine tank facility including associated site/civil, structural, electrical, and instrumentation and control improvements to support the proposed facility.

- 1.2 The CONSULTANT is required to keep the OWNER apprised of the PROJECT costs and advise the OWNER of necessary cost reduction measures, if required, during the PROJECT.

2.0 SCOPE OF SERVICES

- 2.1 ADMINISTRATIVE/MANAGERIAL DUTIES: CONSULTANT will be responsible to perform the following tasks throughout the course of the PROJECT:

2.1.1 Document all meetings and send documentation to OWNER within three (3) calendar days.

2.1.2 Prepare monthly invoices that include a PROJECT status report and schedule update and submit to OWNER.

- 2.2 PRELIMINARY DESIGN PHASE: Upon receiving the written Notice to Proceed, the CONSULTANT will perform the following tasks:

2.2.1 Meet with the OWNER in a virtual Project Kickoff Meeting to confirm design criteria, equipment preferences, requirements and codes and other evaluation criteria as well as PROJECT schedule and milestone dates.

2.2.2 Prepare a Preliminary Design Memorandum consisting of design criteria, conceptual drawings, and written descriptions of the

PROJECT. If desired by OWNER, the memorandum will be prepared in funding agency formatting (FACT).

- 2.2.3 Based on the information contained in the Preliminary Design Phase documents, prepare an opinion of probable construction cost (OPCC).
 - 2.2.4 Submit the draft Preliminary Design Memorandum to OWNER in electronic pdf format (no hard copies) and review with OWNER on a virtual meeting. Within 14 days of receipt, OWNER shall submit to CONSULTANT any comments regarding the document.
 - 2.2.5 Revise the Preliminary Design Memorandum in response to OWNER's comments, as appropriate, and furnish to OWNER five (5) hard copies and an electronic pdf file of the revised Preliminary Design Memorandum within 14 days after receipt of OWNER's comments.
- 2.3 FINAL DESIGN PHASE: Upon receiving the written Notice to Proceed, CONSULTANT will perform the following tasks:
- 2.3.1 Prepare draft (60 percent complete) and final Drawings and Specifications indicating the scope, extent, and character of the Work to be performed and furnished by CONTRACTOR. OWNER will prepare the front-end documents (Division 0). CONSULTANT will assist the OWNER with specific PROJECT information including PROJECT description, construction duration, bid proposal items, etc.
 - 2.3.2 Provide technical criteria, written descriptions, and design data for OWNER's use in filing applications for permits from or approvals of governmental authorities having jurisdiction to review or approve the final design; assist OWNER in consultations with such authorities; and revise the Drawings and Specifications in response to directives from such authorities, as appropriate.
 - 2.3.3 For 60 percent submittal, furnish for review by OWNER seven (7) copies and an electronic pdf file of the draft Drawings and Specifications and review them with OWNER in a virtual workshop setting. Within 14 days of receipt, OWNER shall submit to CONSULTANT any comments regarding the furnished items, and any instructions for revisions.
 - 2.3.4 Prepare and revise the final Drawings and Specifications in accordance with comments and instructions from the OWNER, as appropriate, and submit one reproducible final copy and electronic pdf files of such documents to OWNER.
 - 2.3.5 Advise OWNER of any recommended adjustments to the opinion of probable Construction Cost. An updated cost shall be prepared for the final documents.
- 2.4 BID ASSISTANCE PHASE: After acceptance by OWNER of the final Drawings and Specifications and the most recent opinion of probable Construction Cost, and upon written authorization from OWNER to proceed, the CONSULTANT

shall perform the following tasks:

- 2.4.1 Participate in a virtual pre-bid meeting. The OWNER will prepare the agenda and facilitate the meeting.
- 2.4.2 Prepare and issue addenda as appropriate to clarify, correct, or change the issued documents.
- 2.4.3 Consult with OWNER as to the qualifications of prospective contractors and assist OWNER in evaluating bids. Prepare a recommendation of award letter and submit to OWNER. CONSULTANT will not attend the bid opening.
- 2.4.4 Prepare conformed drawings and specifications that incorporate addenda items and submit three half-size sets of documents to OWNER and one half-size set of documents to successful bidder along with pdf versions to each entity.
- 2.5 CONSTRUCTION SERVICES PHASE: OWNER will manage the PROJECT during construction, and CONSULTANT will provide only specified, limited services, to include the following:
 - 2.5.1 Attend the pre-construction meeting with OWNER and CONTRACTOR. CONSULTANT will attend virtually.
 - 2.5.2 Review shop drawings and submittals for equipment, appurtenances, and electrical-related components and provide written review comments to OWNER.
 - 2.5.3 Provide responses to OWNER for CONTRACTOR Requests for Information (RFIs) as needed.
 - 2.5.4 Conduct a Substantial Completion site visit (one CONSULTANT employee). Provide a written punch list of items to OWNER that require completion by the CONTRACTOR prior to OWNER acceptance.
 - 2.5.5 Incorporate changes into the drawings and produce Record Drawings based on red-lined Drawings provided by OWNER.
 - 2.5.6 Submit Record Drawings on electronic media (AutoCAD and PDF formats).

**ATTACHMENT B
TO
AGREEMENT FOR PROFESSIONAL CONSULTING SERVICES
BETWEEN
BROKEN ARROW MUNICIPAL AUTHORITY (OWNER)
AND
HDR ENGINEERING, INC. (CONSULTANT)
FOR
VERDIGRIS RIVER WATER TREATMENT PLANT
ON-SITE HYPOCHLORITE GENERATION SYSTEM BRINE TANK
PROJECT NO. 2154350**

ORGANIZATION OF SUBMITTAL DOCUMENTS

The CONSULTANT shall prepare the following documents as described as a part of the AGREEMENT dated the ____ day of _____, 202__.

- Preliminary Design Memorandum
- 60% Drawings and Specifications
- Drawings and Specifications for Permitting Agency Submittal
- Final (Bid-ready) Drawings, Specifications, and OPCC
- Addenda (as needed)
- Conformed Drawings and Specifications
- Record Drawings

**ATTACHMENT C
TO
AGREEMENT FOR PROFESSIONAL CONSULTING SERVICES
BETWEEN
BROKEN ARROW MUNICIPAL AUTHORITY (OWNER)
AND
HDR ENGINEERING, INC. (CONSULTANT)
FOR
VERDIGRIS RIVER WATER TREATMENT PLANT
ON-SITE HYPOCHLORITE GENERATION SYSTEM BRINE TANK
PROJECT NO. 2154350**

COMPENSATION AND ADDITIONAL SERVICES

The following compensation shall apply and shall be made a part of the AGREEMENT dated the ____ day of _____, 202__.

1.0 BASIC COMPENSATION

The basic compensation for the CONSULTANT to perform all duties and responsibilities associated with the Scope of Services as described in Attachment A shall be in accordance with the following payment breakdown:

- 1.1 Administrative/Managerial Duties Payment: The OWNER shall pay the CONSULTANT a lump sum amount of \$15,924 for the completion of the Administrative/Managerial Duties. This amount includes all labor, material, overhead and profit associated with the Scope of Services.
- 1.2 Preliminary Design Phase Payment: The OWNER shall pay the CONSULTANT a lump sum amount of \$18,094 for the completion of the Preliminary Design Phase. This amount includes all labor, material, overhead and profit associated with the Scope of Services.
- 1.3 Final Design Phase Payment: The OWNER shall pay the CONSULTANT a lump sum amount of \$96,850 for the completion of the Final Design Phase. This amount includes all labor, material, overhead and profit associated with the Scope of Services.
- 1.4 Bid Assistance Phase Payment: The OWNER shall pay the CONSULTANT on a time and materials basis with a not-to-exceed amount of \$8,766 for the completion of the Bid Assistance Phase. Labor will be billed at raw hourly rates times a multiplier of 3.25, and expenses for travel and lodging will be reimbursed at cost times a multiplier of 1.0.
- 1.5 Construction Services Phase Payment: The OWNER shall pay the CONSULTANT on a time and materials basis with a not-to-exceed amount of \$23,777 for the completion of the Construction Services Phase. Labor will be billed at raw hourly rates times a multiplier of 3.25, and expenses for travel and lodging will be reimbursed at cost times a multiplier of 1.0.
- 1.6 The OWNER may negotiate other professional services fees with the CONSULTANT at the OWNER'S discretion.

2.0 REPRODUCTION

All charges for reproduction shall be included in Basic Compensation Fee of the CONSULTANT. No separate payment will be made for these expenses.

3.0 MILEAGE

All mileage costs shall be included in the Basic Compensation of the CONSULTANT. No separate payment will be made for these expenses.

4.0 DIRECT COSTS

All direct costs shall be included in the Basic Compensation of the CONSULTANT. No separate payment will be made for these expenses.

5.0 ADJUSTMENT CLAUSE

The rates and costs described in this AGREEMENT shall not be revised annually, unless mutually agreed upon by both parties.

**ATTACHMENT D
TO
AGREEMENT FOR PROFESSIONAL CONSULTING SERVICES
BETWEEN
BROKEN ARROW MUNICIPAL AUTHORITY (OWNER)
AND
HDR ENGINEERING, INC. (CONSULTANT)
FOR
VERDIGRIS RIVER WATER TREATMENT PLANT
ON-SITE HYPOCHLORITE GENERATION SYSTEM BRINE TANK
PROJECT NO. 2154350**

OWNER'S RESPONSIBILITIES AND SPECIAL CONDITIONS

The following list of special OWNER's responsibilities and contract special conditions shall be made a part of the AGREEMENT dated the ____ day of _____, 202__.

1.0 OWNER'S RESPONSIBILITIES

- 1.1 OWNER shall furnish to CONSULTANT all available information pertinent to the PROJECT including previous reports and any other data relative to design and construction of the PROJECT;
- 1.2 OWNER shall furnish to CONSULTANT all public utility information available relative to the design and construction of the PROJECT. CONSULTANT's topographical survey shall locate all utilities above and below ground for exact location;
- 1.3 OWNER shall furnish to CONSULTANT list of codes adopted by the municipality as well as subdivision regulations, design criteria and construction standards and specifications that may be pertinent to the design and construction of the PROJECT;
- 1.4 OWNER shall be responsible for all permit fees and for all reproduction costs associated with the bidding of the final approved construction documents required for the construction of this PROJECT;
- 1.5 OWNER shall be responsible for all land/easement acquisition costs and filing of the required legal documents, if necessary; and
- 1.6 OWNER shall examine all studies, reports, sketches, estimates, specifications, plan drawings, proposals, and other documents presented by the CONSULTANT and render in writing decisions pertaining thereto within a reasonable time so as not to delay the SERVICES of the CONSULTANT.

2.0 SPECIAL CONDITIONS

- 2.1 None

**ATTACHMENT E
TO
AGREEMENT FOR PROFESSIONAL CONSULTING SERVICES
BETWEEN
BROKEN ARROW MUNICIPAL AUTHORITY (OWNER)
AND
HDR ENGINEERING, INC. (CONSULTANT)
FOR
VERDIGRIS RIVER WATER TREATMENT PLANT
ON-SITE HYPOCHLORITE GENERATION SYSTEM BRINE TANK
PROJECT NO. 2154350**

PROJECT SCHEDULE

The following schedule shall be made a part of the AGREEMENT dated the _____ day of _____, 202__.

1.0 PRELIMINARY DESIGN PHASE:

Complete 45 Calendar Days after Notice to Proceed with Preliminary Design

2.0 FINAL DESIGN PHASE:

Complete 120 Calendar Days after Notice to Proceed with Final Design

3.0 BID ASSISTANCE PHASE:

Assumed bidding period is 90 Calendar Days

4.0 CONSTRUCTION SERVICES PHASE:

Assumed construction period is 365 Calendar Days



City of Broken Arrow

Request for Action

File #: 24-1713, Version: 1

**Broken Arrow Municipal Authority
Meeting of: 01-07-2025**

Title:

Approval of and authorization to execute Amendment No. 2 to Professional Services Agreement with Jacobs Engineering Group, Inc. and the Regional Metropolitan Utility Authority (RMUA) for Haikey Creek Wastewater Treatment Plant (WWTP) Biosolids Improvements (BAMA Project no. HC21020, RMUA Project no. RMUA ES 2020-11)

Background:

RMUA and BAMA representatives, selected Jacobs Engineering Group, Inc. (Jacobs) in 2022 to update the Haikey Creek Wastewater Treatment Plant (HCWWTP) Biosolids Master Plan and Facility Plan and design the chosen alternative. Amendment No. 2 is for Jacobs to complete a NEPA environmental assessment and cultural survey and to provide design services related to: 1) a new blower building, 2) rehabilitation of the west sludge tank, 3) yard piping from RDTs to holding tanks, 4) removal of old piping and valves for sludge and scum tanks, 5) new office building, and 6) gravity thickener decommissioning.

The Amendment No. 2 with Jacobs Engineering Group, Inc. authorizes additional design services related to the Biosolids Facilities and NEPA environmental assessment/cultural survey. Amendment No. 2 is for \$642,068.00 bringing the total Agreement amount to \$4,847,882.59, the cost of which will be evenly split between the City of Tulsa and BAMA.

Cost: \$321,034.00 (BAMA's cost)

Funding Source: OWRB Loan

Requested By: Charlie Bright, PE, Engineering and Construction Director

Approved By: City Manager's Office

Attachments: Amendment No.2 for Professional Services Agreement

Recommendation:

Approve and authorize execution of Amendment No. 2 to Professional Services Agreement with Jacobs Engineering Group, Inc. and the Regional Metropolitan Utility Authority (RMUA) for Haikey Creek Wastewater Treatment Plant (WWTP) Biosolids Improvements (BAMA Project no. HC21020, RMUA Project no. RMUA ES 2020-11)

AMENDMENT FOR

ENGINEERING SERVICES WITH	<u>Jacobs Engineering Group Inc.</u>
FUNDING SOURCE:	<u>CWSRF</u>
PROJECT NUMBER	<u>RMUA ES 2020-11, Amendment 2</u>
CONTRACT NO.	<u>135959</u>

DESCRIPTION OF WORK AND LOCATION: Work performed as part of Amendment No. 2 will be to complete a NEPA environmental assessment and cultural survey and to provide design services related to (1) new blower building (2) rehab of the west sludge tank (3) yard piping from RDTs to holding tanks (4) removal of old piping and valves for sludge and scum tanks (5) new office building and (6) gravity thickener decommissioning. Amendment 2 also includes pilot studies for dewatering and composting.

Total Budget (Design)	\$	4,847,882.59
Original Construction Cost	\$	39,802,000.00
Original Design	\$	499,925.59
Additional Design Cost (Amendment No. 1)	\$	3,705,889.00
Additional Design Cost (Amendment No. 2)	\$	642,068.00
Total Design Cost	\$	4,847,882.59
Total Raw Labor Cost	\$	1,677,401.86
Overhead	%	172.50
Profit	%	10.00
Multiplier		3.00
Total Design Cost / Total Construction Cost	%	12.17
Advertising Date		April 2026

Amendment No. 1

Jacobs Labor	\$	3,513,789.00
Subcontracts	\$	135,000.00
Subcontractor 5% Markup (administration and insurance)	\$	6,750.00
Expenses	\$	50,350.00
Amendment #1 Total Value	\$	3,705,889.00

Amendment No. 2

Jacobs Labor	\$	587,786.00
Subcontracts	\$	0.00
Subcontractor 5% Markup (administration and insurance)	\$	0.00
Expenses	\$	54,282.00
Amendment #2 Total Value	\$	642,068.00

Total Contract Value

Jacobs Labor	\$	4,587,100.59
Subcontracts	\$	135,000.00
Subcontractor 5% Markup (administration and insurance)	\$	6,750.00
Expenses	\$	119,032.00
Total Contract Value	\$	4,847,882.59

ENGINEERING CONSULTING AMENDMENT CHECKLIST

Over all cover sheet (attached)

- ☐ Correct project number and contract number
- ☐ Correct account number
- ☐ New insurance information (Section 11)
- ☐ Summary of original agreement and execution date
- ☐ Summary of previous amendments and execution date
- ☐ Detailed description of the reason for the amendment
- ☐ Signature page separate sheet having "IN WITNESS WHEREOF..." paragraph and signatures
- ☐ New detailed man-hour / task breakdown
- ☐ New schedule
- ☐ Insurance cancellation clause correct (30 days)

Prepared By:



Consulting Engineer

Vibhuti Pandey
Project Manager

Project Engineer

Lead Engineer

AMENDMENT NO. 2

TO

THE AGREEMENT

FOR

PROFESSIONAL ENGINEERING SERVICES

THIS AMENDMENT NO. 2, to the Agreement for Professional Engineering Services (Contract No. 135959), made between the Regional Metropolitan Utility Authority, a Public Trust of the State of Oklahoma, hereinafter referred to as **AUTHORITY**, and Jacobs Engineering Group Inc., a corporation organized under the laws of the state of Delaware, hereinafter referred to as **ENGINEER**;

WITNESSETH

WHEREAS, **AUTHORITY** intends to add biosolids improvements at the Haikey Creek Wastewater Treatment Plant, located throughout the City, hereinafter referred to as the **PROJECT**; and,

**HAIKEY CREEK WASTEWATER TREATMENT PLANT BIOSOLIDS IMPROVEMENTS, CONCEPTUAL
DESIGN
RMUA ES 2020-11**

WHEREAS, **AUTHORITY** and **ENGINEER** entered into an **AGREEMENT**, dated March 10, 2021, under which the **ENGINEER** was to provide professional services to the study and conceptual design of biosolids improvements at the Haikey Creek Wastewater Treatment Plant, hereinafter referred to as the **AGREEMENT**, and

WHEREAS, **AUTHORITY** and **ENGINEER** entered into an **AMENDMENT NO. 1**, dated June 14, 2023, under which the **ENGINEER** was to provide professional services to design of biosolids improvements at the Haikey Creek Wastewater Treatment Plant, hereinafter referred to as the **AGREEMENT**, and

WHEREAS, **AUTHORITY** requires certain additional professional services in connection with the **PROJECT**, hereinafter referred to as the **SERVICES**, thereby necessitating the amending of the **AGREEMENT**;

WHEREAS, **ENGINEER** is prepared to provide such **SERVICES**;

NOW THEREFORE, in consideration of the promises contained herein, the parties hereto agree as follows:

- 1.0 **SCOPE OF PROJECT**. The scope of this project is described in Attachment B, **SCOPE OF PROJECT** which is attached hereto and incorporated by reference as part of this **AMENDMENT NO. 2**.
- 2.0 **SERVICES TO BE PERFORMED BY ENGINEER**. **ENGINEER** shall perform the **SERVICES**, described in Attachment B, **SCOPE OF SERVICES**, which is attached hereto and incorporated by reference as part of this **AMENDMENT NO. 2**.


- 3.0 COMPENSATION. The AUTHORITY and the ENGINEER agree that the ENGINEER shall be compensated for these additional services on a salary multiplier basis in accordance with Attachment D, COMPENSATION FOR ADDITIONAL SERVICES, which is attached hereto and incorporated by reference as part of this AMENDMENT NO. 2
- 4.0 All other terms and conditions of the AGREEMENT dated, March 10, 2021 as amended, shall remain in full force and effect.

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IN WITNESS WHEREOF, the parties have executed this AMENDMENT NO. 2 to the AGREEMENT in multiple copies on the respective dates herein below reflected to be effective on the date executed by the Chairman of the Regional Metropolitan Utility Authority.

(SEAL)
ATTEST:




Justin Johnson, Secretary

Jacobs Engineering Group Inc. (ENGINEER)


Jennifer Kassa, Vice President & Designated Manager

Date November 25, 2024

(SEAL)
APPROVED:

REGIONAL METROPOLITAN UTILITY AUTHORITY

Secretary

Chairman

Date _____

APPROVED AS TO FORM:

RECOMMENDED:

Attorney for Regional Metropolitan
Utility Authority



Director of Water and Sewer

RECOMMENDED:

Broken Arrow Municipal Authority, Chairperson

Broken Arrow Municipal Authority, General Manager

ATTEST:

(SEAL) Secretary

Broken Arrow Municipal Authority, Assistant City Attorney

SCOPE OF SERVICES**ATTACHMENT B**

- B. SCOPE OF SERVICES.** The Scope of Services should be amended as set forth in this AMENDMENT NO.2:

B.1 Phase No. 1. PRELIMINARY DESIGN.

B.1.1 Chartering - No change.

B.1.2 Facility Plan Update – No change.

B.1.3 Conceptual (5%) Design – No change.

B.1.4 Project Management

B.1.4.1 Amend the existing task to include additional meetings with City, internal meetings, contract administration, and project coordination.

B.1.5 65% Preliminary Design

Prepare a preliminary plan which includes an initial design report; functional plans; preliminary cost estimates; and recommendations and submit the preliminary plan to the AUTHORITY per EXHIBIT 2 – Project Schedule. Preliminary Design is anticipated to include the elements contained in Table 1 – Anticipated Design for Biosolids Management Facilities.

Table 1. Anticipated Design for Biosolids Management Facilities

Facility/Item	Design Concept	65% Submittal (includes previous)
New Blower Building	Approximately 24'x24' new building located north of the existing Sludge Holding Tanks. The building will house two blowers (1 new + 1 future) and two sludge recirculation pumps (1 duty + 1 standby). The new blower will provide aeration to the rehabbed west storage tank and the future blower will provide aeration to a future primary sludge holding tank. The sludge recirculation pumps will provide continuous mixing of the TWAS since sludge %TS has reached a plastic flow state. New electrical and controls will also be housed inside the building as well. Site civil will provide addition access required for operations and maintenance.	Plan Sheets Elevations
Rehab of West Sludge Storage Tank	Rehab design would include provisions for concrete crack injection, concrete resurfacing, patching exposed rebar, grouting old pipe penetrations, possibly a tank coating system.	Plan Sheets Demo Sheets

	<p>The tank will be required to be drained and analysed by the engineer to provide the extents of rehab required where the provisions provide bid items for the contractor to execute the work.</p> <p>Demo includes removal of the existing aeration piping inside of the tank and exposed on the exterior (see Item 4 of this table for demo continuation).</p> <p>Demo of the existing blowers and sludge recirculation pump room shall also be included in this work. This is only demolition of the mechanical equipment, piping, valves, pumps, and does not include any electrical or structural modifications.</p> <p>New electrical and process controls will be provided for the rehabilitated tank per Item 1 of this table.</p>	
Yard Piping from RAS Pump Station to RDTs and From RDTs to Holding Tanks	<p>Previously contracted scope included getting a WAS flow stream to the Gravity Thickeners and get flow from the Gravity Thickeners to sludge holding and dewatering (this is the yard piping shown in the 35% deliverable). Revise scope will alleviate clogging issues by designing:</p> <p><u>(1) Yard piping for WAS pump station and tie-ins from RAS screw pumps to RDTs</u></p> <p>This will include an evaluation of hydraulic capacity to deliver enough head to the RDTs or it will require a small WAS pump station.</p> <p>Additionally, two WAS feed lines will be routed to the RDT building so that each feed line runs to one RDT. There will be provisions in the yard for cross over connections to send either WAS feed to either RDTs. (Normal operations for one feed line to one RDT).</p> <p>A modification to the single vertical WAS influent line inside the RDT will also be required to facility the 'normal operations' mentioned above.</p> <p><u>(2) Yard piping from the RDTs to the holding tanks</u></p> <p>Replace existing piping known to clog and does not have provisions for cleaning.</p> <p>New buried piping from the RDT building to the new rehabbed west storage tank will convey TWAS up to and potentially above 5% TS. This viscous flow requires smooth, clean, and full diameter pipes to minimize</p>	Plan Sheets Elevations

	<p>potential clogs. The existing pipe is assumed to have lost interior diameter along the pipe walls. Design includes dual cleanouts in the yard shall for regular O&M.</p> <p>Additionally, the engineer will backcheck current rotary lobe pumps to analysis other potential reasons for pumps operating above recommended RPMs.</p>	
Yard Piping Design, removal of old piping and valves for sludge tanks	<p>This includes removal of old piping and valves that currently service the sludge and scum holding tanks. In past these tanks have been used for aeration, clarification, digestion, chlorine contact, and sludge holding. Existing yard piping and valving have been reused, or repurposed and some are abandoned. Existing piping within the sludge holding tank area will be removed and new yard piping installed for all new treatment processes.</p> <p>Existing yard piping at the sludge drying beds is not included in this area, but yard piping feeding the old sludge lagoons (west of holding tanks) is included in this removal. This also includes demo of an existing outlet structure at the current existing lagoon.</p>	Plan Sheets Demo Sheets
New Office Building	Approximately 1,400 SF building for 5 staff. One (1) private office, One (1) open office with four (4) workstations, conference room, break room, men's and women's restrooms and lockers. Building will also include an electrical room to serve composting equipment.	Plan Sheets
Gravity Thickener Decommissioning	This scope includes decommissioning the tanks to take them out of the process flow.	Plan Sheets Demo Sheets

Assumptions

- (i) There will be 1 preliminary design submittal, consisting of a 65% design package. Similarly, there will be 1 preliminary design review meeting, with up to 6 of ENGINEER's staff attending in person and the remainder of the staff attending via teleconference. In person attendance at meeting will be combined with an engineering site visit to the facility. If it is determined during the course of execution that the site visits should occur at a separate time, then those persons will attend the design review meeting remotely.
- (ii) 10 sets of plans will be printed in half-size for each submittal and delivered electronically. The preliminary design report and the draft specifications will only be delivered electronically.

B.1.5.5 Deliverables

- (i) 65% Design Submittal. Electronically submitted revisions to preliminary design report, Class 3 cost estimate, draft specifications, and approximately 50 drawing sheets, to include plan and profile drawings of major facilities.
- (ii) 65% Submittal. 10 sets of plans to be printed in half-size.
- (iii) 3-D rendered model, in a format viewable by City Staff without additional software, of the facility site, including foundations, piping, equipment, electrical, HVAC and other components, both above and below ground.

B.1.6 **PHASE NO. 2. FINAL DESIGN.**

Final design shall include the preparation of final plans for the PROJECT together with all specifications and related contract documents required for the construction of the PROJECT by the AUTHORITY'S construction contractor; Final Design shall be in accordance with AUTHORITY'S Standards, detailed specifications, and approved Preliminary Plans prepared in Phase No.1, and shall be submitted to the AUTHORITY within the approved schedule after the date specified in the Notice to Proceed for Phase No. 2. ENGINEER shall provide the AUTHORITY a set of mylars of final plans for signature purposes. The 95% and 100% submittals will be combined with the rest of project drawings and submitted as single packages. The Final design tasks shall include the following:

B.2.1 No change

B.2.2 No change

B.2.3 No change

B.2.4 Deliverables

B.2.4.1 95% Design. Final drawings and specification delivered electronically. 12 sets of half-size drawings printed and bound. 3 sets of specifications printed and bound. Class 2 Cost Estimate delivered electronically.

B.2.4.2 95% Design review meeting. ENGINEER will publish agenda, attend with up to 6 of ENGINEER'S staff in person, and publish draft and final meeting notes. In person attendance at meeting will be combined with an engineering site visit to the facility. If it is determined during the course of execution that the site visits should occur at a separate time, then those persons will attend the design review meeting remotely.

B.2.4.3 100% Design. Signed/sealed plans and specifications, delivered electronically. Specifications printed and bound. Drawing printed full-size (22x34) on Mylar for final city review and signature. Updated Class 2 Cost Estimate based on any modification from the 95% Design Submittal. There will not be a 100% Design review meeting.

B.2.4.4 Permitting. ENGINEER shall coordinate deliverables directly with ODEQ and OWRB, to include plans, specifications, and Engineering Report.

B.2.4.5 3-D rendered model, in a format viewable by City Staff without additional software, of the facility site, including foundations, piping, equipment, electrical, HVAC and other components, both above and below ground.

B.2.4.6 Anticipated deliverables based on design concepts:

Table 2: Anticipated Design at 95% and 100% Biosolids Management Facilities

Facility/Item	95% Submittal (includes 65% drawings)	100% Submittal (includes 95% drawings)
New Blower Building	Architectural Floor Plan	Final Sheets and Specifications
	Architectural Roof Plan	Final Sheets and Specifications
	Architectural Elevations	Final Sheets and Specifications
	Architectural Building Sections	Final Sheets and Specifications
	Architectural Schedules & Details	Final Sheets and Specifications
	Structural Foundation Plan	Final Sheets and Specifications
	Structural Sections	Final Sheets and Specifications
	Structural Details	Final Sheets and Specifications
	Process Mechanical Plan	Final Sheets and Specifications
	Process Mechanical Sections	Final Sheets and Specifications
	Process Mechanical Details	Final Sheets and Specifications
	HVAC Plan	Final Sheets and Specifications
	HVAC Schedules and Details	Final Sheets and Specifications
	Plumbing Plan	Final Sheets and Specifications
	Plumbing Details	Final Sheets and Specifications
	Electrical Plan	Final Sheets and Specifications
	Electrical One Line Diagram	Final Sheets and Specifications
	Electrical Schedules	Final Sheets and Specifications
Rehab West Sludge Storage Tank:		
	Layouts, Details	Final Sheets and Specifications
	Layouts, Details	Final Sheets and Specifications
	Layouts, Details	Final Sheets and Specifications
	Layouts, Details	Final Sheets and Specifications
	Layouts, Details	Final Sheets and Specifications
	Layouts, Details	Final Sheets and Specifications
	Sections, Details	Final Sheets and Specifications
	Sections, Details	Final Sheets and Specifications
	Demo, Details	Final Sheets and Specifications
	Demo, Details	Final Sheets and Specifications
	Demo, Details	Final Sheets and Specifications
	Demo, Details	Final Sheets and Specifications
	Demo, Details	Final Sheets and Specifications
	Demo, Details	Final Sheets and Specifications
	Layouts, Details	Final Sheets and Specifications

<u>Yard Piping from RAS Pump Station to RDTs and from RDTs to Holding Tanks:</u>	Layouts, Details	Final Sheets and Specifications
	Layouts, Details	Final Sheets and Specifications
	Profile, Details	Final Sheets and Specifications
	Profile, Details	Final Sheets and Specifications
	Profile, Details	Final Sheets and Specifications
	Profile, Details	Final Sheets and Specifications
	Profile, Details	Final Sheets and Specifications
<u>Yard Piping, removal of old piping & valves for sludge & scum tanks</u>	Layouts, Details	Final Sheets and Specifications
	Layouts, Details	Final Sheets and Specifications
	Layouts, Details	Final Sheets and Specifications
	Profile, Details	Final Sheets and Specifications
	Profile, Details	Final Sheets and Specifications
	Profile, Details	Final Sheets and Specifications
	Profile, Details	Final Sheets and Specifications
	Profile, Details	Final Sheets and Specifications
<u>New Office Building</u>	Architectural Floor Plan	Final Sheets and Specifications
	Architectural Roof Plan	Final Sheets and Specifications
	Architectural Elevations	Final Sheets and Specifications
	Architectural Building Sections	Final Sheets and Specifications
	Architectural Wall Sections	Final Sheets and Specifications
	Architectural Schedules & Details	Final Sheets and Specifications
	Structural Foundation Plan	Final Sheets and Specifications
	Structural Roof Plan	Final Sheets and Specifications
	Structural Sections	Final Sheets and Specifications
	Structural Details	Final Sheets and Specifications
	HVAC Plan	Final Sheets and Specifications
	HVAC Schedules and Details	Final Sheets and Specifications
	Plumbing Plan	Final Sheets and Specifications
	Plumbing Isometrics & Schedules	Final Sheets and Specifications
	Plumbing Details	Final Sheets and Specifications
	Electrical Plan	Final Sheets and Specifications
	Electrical Room Enlarged Plan	Final Sheets and Specifications
	Electrical One Line Diagram	Final Sheets and Specifications
	Electrical Schedules	Final Sheets and Specifications
	Panel Schedules	Final Sheets and Specifications
	Wiring Diagrams	Final Sheets and Specifications
	Architectural Floor Plan	Final Sheets and Specifications
	Architectural Roof Plan	Final Sheets and Specifications
	Architectural Elevations	Final Sheets and Specifications
	Architectural Building Sections	Final Sheets and Specifications
	Layouts, Details	Final Sheets and Specifications

<u>Gravity Thickener Decommissioning</u>	Layouts, Details	Final Sheets and Specifications
	Layouts, Details	Final Sheets and Specifications
	Layouts, Details	Final Sheets and Specifications
	Demo, Details	Final Sheets and Specifications
	Demo, Details	Final Sheets and Specifications
	Demo, Details	Final Sheets and Specifications

B.3 PHASE NO. 3. GENERAL SERVICES DURING CONSTRUCTION. No change

B.4 SPECIAL SERVICES. Amend the task to include the following services:

B.4.1 GRANT SUPPORT SERVICES. No change.

B.4.2 FERTILIZER MARKET STUDY. No change.

B.4.3 NEPA SUPPORT. Amend the task to include following services:

Conduct NEPA Environmental Assessment which will include a report to USDA. As part of the NEPA assessment, ENGINEER will conduct background archeological research, one (1) cultural resource field survey, one (1) cultural resources report, issue letters to State Historic Preservation Office (SHPO) and tribal nations, and, if needed, prepare an inadvertent discovery plan.

B.4.4 PILOT STUDY. Amend the task to include following services:

Conduct pilot studies for dewatering and composting. The dewatering pilot will produce a sludge cake, that will be conveyed to the composting pilot area. At the composting pilot location, sludge cake and woodchips will be mixed then placed on top of aeration piping to perform an aerated static pile compost pilot. Scope also includes: coordinating with dewatering vendors, testing protocols, assisting HCWWTP staff in setup, monitoring and sampling, permitting coordination, and equipment procurement.

B.5 RESIDENT PROJECT REPRESENTATIVE SERVICES. Not included, No change

SCHEDULE. ENGINEER agrees to complete all work described above within the timeframes outlined in this AMENDMENT NO. 2. (See EXHIBIT 2, PROJECT SCHEDULE.)

EXHIBIT 2
PROJECT SCHEDULE

EXHIBIT 2 - Project Schedule

HAIKEY CREEK BIOSOLIDS COMPOST FERTILIZER PROJECT					
Today's Date :		15-Nov-24			
Activity	Days	Milestone	Start	Finish	Status
Notice to Proceed	0	M	7/13/2023	7/13/2023	Completed
Project Kickoff	0		8/10/2023	8/10/2023	Completed
35% Design	172	M	8/10/2023	1/29/2024	Completed
USDA NEPA Process					
Tulsa Notified of USDA Grant Award	0		10/8/2023	10/8/2023	Completed
Tulsa Accepts USDA Grant	0		10/10/2023	10/10/2023	Completed
Jacobs Kickoff Mtg w/ Tulsa for NEPA	0		11/7/2023	11/7/2023	Completed
USDA Notice: Shovel Testing Osage Nation	0		1/30/2024	1/30/2024	Completed
Field Survey & Shovel Testing	21		4/17/2024	5/8/2024	Completed
Submit of Shovel Testing to Osage Nation	0		5/8/2024	5/8/2024	Completed
USDA & Osage Nation Review	14		5/8/2024	5/22/2024	Completed
Floodplain Analysis	131		5/22/2024	9/30/2024	Completed
Finalize & Submit NEPA Report to USDA	168	M	5/22/2024	11/6/2024	Completed
65% Design					
Site Visit	2		2/21/2024	2/22/2024	Completed
Finalize New Facilities Scope Items	52	M	2/22/2024	4/14/2024	Completed
Negotiate New Facilities LOE	14		4/14/2024	4/28/2024	Completed
Market Study					
Site Tour	2		4/22/2024	4/24/2024	Completed
Draft Report	0		5/31/2024	5/31/2024	Completed
Final Report	0	M	6/28/2024	6/28/2024	Completed
Final Decision by RMUA on Site Layout	7	M	6/28/2024	7/5/2024	Completed
Pilot Testing					
Present Benefits of Pilot Testing			7/12/2024	7/12/2024	Completed
Scope Fee Pilot Testing	45		7/12/2024	8/26/2024	Completed
Dewatering & Compost Pilot Testing	157		8/27/2024	1/31/2025	In Progress
65% Plans/Specs	180	M	4/28/2024	10/25/2024	Completed
RMUA Review & Review Meeting	26		10/25/2024	11/20/2024	In Progress
95% Design					
95% Plans/Specs	100		11/20/2024	2/28/2025	Not Started
Submit Plans/Specs	0	M	2/28/2025	2/28/2025	Not Started
ODEQ Permitting					
ODEQ Submit Engr. Design Report	0		2/28/2025	2/28/2025	Not Started
ODEQ Review	28		2/28/2025	3/28/2025	Not Started
Address ODEQ Comments	21		3/28/2025	4/18/2025	Not Started
Permit to Construct	0	M	4/18/2025	4/18/2025	Not Started
RMUA Review & Review Meeting	14		2/28/2025	3/14/2025	Not Started
100% Design					
Submit Signed-Sealed Plans/Specs	124	M	3/14/2025	7/16/2025	Not Started
TMUA/BAMA/RMUA Loan Funding & Bidding					
CWSRF Loan Preparation	150		11/1/2025	3/31/2026	Not Started
CWSRF Loan Closing	0		4/1/2026	4/1/2026	Not Started
Funds Available	29	M	4/1/2026	4/30/2026	Not Started
Advertise Project	28	M	4/30/2026	5/28/2026	Not Started
Bid Opening	0		6/5/2026	6/5/2026	Not Started
Board Approval Construction Contract	132		6/5/2026	10/15/2026	Not Started
Construction					
Pre-Construction Meeting	0		11/5/2026	11/5/2026	Not Started
Construction	913		11/5/2026	5/6/2029	Not Started
Fertilizer Production	650	M	11/5/2026	8/16/2028	Not Started

COMPENSATION**ATTACHMENT D****D. COMPENSATION.**

ENGINEER shall be paid as compensation for the professional services set forth in this AMENDMENT NO. 2 and itemized in (see EXHIBIT 3, FEE SCHEDULE), an amount not to exceed Six Hundred Forty-Two Thousand, and Sixty-Eight and 00/100 Dollars (\$ 642,068.00).

The ENGINEER acknowledges the following summary of modifications to the Fee Schedule as stated in the original Contract and modified by AMENDMENT NO. 2:

D.4. Travel and Subsistence Reimbursement. Travel and subsistence from outside the Tulsa Metropolitan Area shall be reimbursed at actual costs and not exceed current GSA Rates. Local travel will not be reimbursed.

D.7 Special Services Allowance. At the sole discretion of AUTHORITY, a Special Services Allowance for geotechnical, potholing, abstract (real estate) research, and/or permit/review fees may be provided by AUTHORITY. Any such allowance will be for the direct cost of the Special Services, not to exceed Zero Dollars and Zero Cents (\$0.00) and will not include payment of any markup, profit or overhead to ENGINEER. Use of the Special Services Allowance must be authorized, in writing, by the AUTHORITY.

Original Contract Amount	\$ 499,925.59
AMENDMENT NO. 1	<u>\$ 3,705,889.00</u>
AMENDMENT NO. 2	<u>\$ 642,068.00</u>
Total Amended Contract Amount	<u>\$ 4,847,882.59</u>

Exhibit 3
RMUA ES 2020-11
HAIKEY CREEK WASTEWATER TREATMENT PLANT BIOSOLIDS IMPROVEMENTS
Fee Schedule - Amendment 2

	Role	PRINCIPAL	PROJECT MANAGER	DESIGN MANAGER	QC/ SWE	SENIOR ENGINEER	STAFF ENGINEER	SR. DESIGN TECH	GID ENGINEER	PUBS/SPECS /ADMIN	Total	Notes
B.1.4 Project Management	Avg Raw Rate	\$120	\$92	\$87	\$90	\$80	\$45	\$50	\$33	\$40		
	Bi-Weekly Meetings with City Staff		14								14	4 mon schedule, 16 weekly mtgs, 4 monthly mtgs
	Weekly Internal Meetings	2	15	14		14	14				59	16 weeks, 16 meetings
	Contract Administrator and Invoicing		4				4			5	13	
	Subconsultant Management										0	
	Project Coordination	2	27	27			27				83	
	Summary - Project Management/Coord.											
	Hours	4	60	41	0	14	45	0	0	5	169	
	Raw Cost	\$480	\$5,520	\$3,567	\$0	\$1,120	\$2,025	\$0	\$0	\$200	\$12,912	
	Billing Cost	\$1,440	\$16,560	\$10,701	\$0	\$3,360	\$6,075	\$0	\$0	\$600	\$38,736	
B.1.5 Preliminary Design (35%)												
	Disciplines:											
	Architecture										0	
	Civil										0	
	Electrical										0	
	Plumbing										0	
	HVAC										0	
	Process Mechanical										0	
	Structural										0	
	I&C										0	
	Corrosion										0	
	Cost Estimation										0	
	Specification										0	
	Permitting										0	
	Internal Review:										0	
	QA/QC										0	
	Fixup										0	
	Client Review:										0	
	Review Mtg										0	
	Summary - Preliminary Design (35%)											
	Hours	0	0	0	0	0	0	0	0	0	0	
	Raw Cost	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	Billing Cost	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	

Exhibit 3
RMUA ES 2020-11
HAIKEY CREEK WASTEWATER TREATMENT PLANT BIOSOLIDS IMPROVEMENTS
Fee Schedule - Amendment 2

Disciplines:	Role	PRINCIPAL	PROJECT MANAGER	DESIGN MANAGER	QC/ SME	SENIOR ENGINEER	STAFF ENGINEER	SR. DESIGN TECH	GID ENGINEER	PURS./SPECS /ADMIN	Total	Notes
B.1.5 Preliminary Design (65%)	Avg Raw Rate	\$120	\$92	\$87	\$90	\$80	\$45	\$50	\$33	\$40		
Disciplines:												
Architecture			3	8	3	14	20	24			72	
Civil			3	12	3	14	20	24			76	
Electrical			3	8	3	14	20	24			72	
Plumbing			3	8	3	14	20	24			72	
HVAC			3	8	3	14	20	22			70	
Process Mechanical			3	12	5	14	20	24			78	
Structural			3	9	3	14	20	24			73	
I&C			3	9	3	14	20	22			71	
Corrosion			3	4	4	12	6	6			32	
Cost Estimation			3	4	3	6	6	6			28	
Specification			2	8	3	9	14	14		25	75	
Permitting			2	5						6	13	
Internal Review; QA/QC		2	9	6	3	3	3				26	
Fixup		3	3	3	3	3	9	8			29	
Client Review; Review Mtg			6	6	6	6				3	27	
Summary - Preliminary Design (65%)	Hours	2	49	110	48	151	198	222	0	34	814	
	Raw Cost	\$240	\$4,508	\$9,570	\$4,320	\$12,080	\$8,910	\$11,100	\$0	\$1,560	\$52,088	
	Billing Cost	\$720	\$13,524	\$28,710	\$12,960	\$36,240	\$26,730	\$33,300	\$0	\$4,080	\$156,264	
B.2.4 Final Design (95%)												
Disciplines:												
Architecture			2	6	3	10	14	14			49	
Civil			2	6	3	9	12	12			44	
Electrical			2	6	3	9	12	12			44	
Plumbing			2	6	3	9	12	12			44	
HVAC			2	6	3	8	8	10			37	
Process Mechanical			2	9	3	14	12	21			61	
Structural			2	6	3	10	12	14			47	
I&C			2	6	3	9	10	14			44	
Corrosion			2	6	3	6	6	6			29	
Cost Estimation			2	6	3	3	3	3			20	
Specification			2	6	3	6	6	6		14	43	
Permitting			2	6						3	11	
Internal Review; QA/QC		3	6	6	2	2	2				21	
Fixup		3	3	3	3	4	8	6			27	
Client Review; Review Mtg			6	6	6	6				3	27	
Summary - Final Design (95%)	Hours	3	39	90	44	105	117	130	0	19,996,667	548.0	
	Raw Cost	\$360	\$3,588	\$7,830	\$3,960	\$8,400	\$5,265	\$6,500	\$0	\$800	\$36,703	
	Billing Cost	\$1,080	\$10,764	\$23,490	\$11,880	\$25,200	\$15,795	\$19,500	\$0	\$2,400	\$110,109	

Exhibit 3
RMUA ES 2020-11
HAIKEY CREEK WASTEWATER TREATMENT PLANT BIOSOLIDS IMPROVEMENTS
Fee Schedule - Amendment 2

	Role	PRINCIPAL	PROJECT MANAGER	DESIGN MANAGER	QC/ SWE	SENIOR ENGINEER	STAFF ENGINEER	SR. DESIGN TECH	GID ENGINEER	PUBS/SPECS /ADMIN	Total	Notes
B.2.4 Final Design (100%)	Avg Raw Rate	\$120	\$92	\$87	\$90	\$80	\$45	\$50	\$33	\$40		
Disciplines:												
Architecture			2	5	3	8	8	9			35	
Civil			2	5	3	8	8	9			35	
Electrical			2	5	3	8	8	9			35	
Plumbing			2	5	3	8	8	9			35	
HVAC			2	5	3	6	5	10			31	
Process Mechanical			2	6	3	8	8	9			36	
Structural			2	5	3	8	9	9			36	
I&C			2	5	3	8	8	8			34	
Corrosion			2	5	3	3	3	3			19	
Cost Estimation			2	5	3	3	3	2			18	
Specification			2	5	3	6	6	6		10	38	
Permitting			2	5						3	10	
Internal Review:												
QA/QC		3	5	3	4	3	3	3			24	
Fixup			3	5	3	3	3	3			20	
Client Review:												
Review Mtg			6	6	3	6	6	6		3	36	
Fixup			6	6	3	8	8	8			39	
Bid Documents:												
Sign/Seal Bid Set			9	6		6		6		3	30	
Summary - Final Design (100%)												
Hours	3	53	87		46	100	94	109	0	19	511	
Raw Cost	\$360	\$4,876	\$7,569	\$4,140	\$8,000	\$24,000	\$4,230	\$5,450	\$0	\$760	\$35,385	
Billing Cost	\$1,080	\$14,628	\$22,707	\$12,420	\$24,000	\$12,690	\$12,690	\$16,350	\$0	\$2,280	\$106,155	
B.2.5 Bid Phase Services												
Bid Phase Kick-off											0	
Verify/validate any code changes											0	
Sign-Seal (if needed)											0	
Pre-Bid Meeting											0	
Requests for Information		3	3	3	3	3	3	3	3	6	21	
Addenda		3	3	3	3	3	3	3	3	6	27	
Engineer Estimate											0	
Engineer's Bid Recommendation		2	2	2	2	2	8	2			16	
Preparation of Conformed Documents		4	5	5	3	20	20	20		5	77	
Summary - Final Design (100%)												
Hours	0	12	13		11	28	34	26	6	11	141	
Raw Cost	\$0	\$1,104	\$1,131	\$990	\$2,440	\$6,720	\$1,530	\$1,300	\$198	\$440	\$8,933	
Billing Cost	\$0	\$3,312	\$3,393	\$2,970	\$6,720	\$4,590	\$4,590	\$3,900	\$594	\$1,320	\$26,799	
B.3 General Services During Construction												
Allowance											0	
B.3 Summary - General Services During Construction												
Hours	0	0	0	0	0	0	0	0	0	0	0	
Raw Cost	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Billing Cost	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
3												

Exhibit 3
RMUA ES 2020-11
HAIKEY CREEK WASTEWATER TREATMENT PLANT BIOSOLIDS IMPROVEMENTS
Fee Schedule - Amendment 2

Role	PRINCIPAL	PROJECT MANAGER	DESIGN MANAGER	QC/ SME	SENIOR ENGINEER	STAFF ENGINEER	SR. DESIGN TECH	GID ENGINEER	PUBS/SPECS /ADMIN	Total	Notes
Avg Raw Rate	\$120	\$92	\$87	\$90	\$80	\$45	\$50	\$33	\$40		
B.4 Special Services											
B.4.1 USDA Federal Grant Writing										0	
Coordination											
Financial Projections											
Grant Forms/Narrative											
Subtotal Hours	0	0	0	0	0	0	0	0	0	0	
Subtotal Raw Cost	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Subtotal Billing Cost	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
B.4.2 Marketing Plan											
Coordination										0	
Distribution/Access Plan										0	
Subtotal	0	0	0	0	0	0	0	0	0	0	
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
B.4.3 NEPA Support											
2	2	28	0	6	20	235	190	0	36	517	
Subtotal Hours	2	28	0	6	20	235	190	0	36	517	
Subtotal Raw Cost	\$240	\$2,576	\$0	\$540	\$1,572	\$10,574	\$9,500	\$0	\$1,440	\$26,442	
Subtotal Billing Cost	\$720	\$7,728	\$0	\$1,620	\$4,716	\$31,723	\$28,500	\$0	\$4,320	\$79,327	
B.4.4 Pilot Study											
16	16	0	0	70	141	98	0	0	0	325	
Subtotal Hours	0	16	0	70	141	98	0	0	0	325	
Subtotal Raw Cost	\$0	\$1,472	\$0	\$6,300	\$11,283	\$4,410	\$0	\$0	\$0	\$23,465	
Subtotal Billing Cost	\$0	\$4,416	\$0	\$18,900	\$33,850	\$13,230	\$0	\$0	\$0	\$70,396	
B.4 Summary - Special Services											
2	44	0	0	76	161	332,985	190	0	36	842	
Hours											
Raw Cost	\$240	\$4,048	\$0	\$6,840	\$12,855	\$14,984	\$9,500	\$0	\$1,440	\$49,908	
Billing Cost	\$720	\$12,144	\$0	\$20,520	\$38,566	\$44,953	\$28,500	\$0	\$4,320	\$149,723	
B.5 Resident Project Representative Services											
Net In Scope											

DESIGN EXPENSES	Quantity	Qty Unit	Cost Rate	Cost Unit	# of Documents	Total
Roundtrip Airfare (CLT to TUL)	2 trips		\$ 550.00 ea			\$ 1,100.00
Roundtrip Airfare (POX to TUL)	2 trips		\$ 650.00 ea			\$ 1,300.00
Auto Rental	6 days		\$ 60.00 day			\$ 360.00
Hotel	6 nights		\$ 175.00 night			\$ 1,050.00
Meals & Incidentals	8 days		\$ 65.00 day			\$ 520.00
Mileage (DPW to TUL for Mtgs. Project Coord.)	4 trips		\$ 0.670 mile		480 miles/trip	\$ 1,266.40
Specifications and Design Report Reproduction	100 pages		\$0.30 page		30	\$ 900.00
Half-size Drawings - Reproduction - 11x17	60 sheets		\$0.60 sheet		30	\$ 1,080.00
Full-size Drawings - Reproduction - 11x17	60 sheets		\$3.50 sheet		6	\$ 1,260.00
Mylar Printing (including reprints)	60 sheets		\$18.00 sheet		1.25	\$ 1,350.00
Color Reports - 8.5 x 11	20 pages		\$0.75 page		30	\$ 450.00
Color Reports - 11 x 17	10 sheets		\$2.00 sheet		30	\$ 600.00
Shipping and Postage (FEDEX)	6 each		\$ 25.00 shipment			\$ 150.00
TOTAL Expenses						\$ 11,406.40

Exhibit 3
RMUA ES 2020-11
HAIKEY CREEK WASTEWATER TREATMENT PLANT BIOSOLIDS IMPROVEMENTS
Fee Schedule - Amendment 2

Role	PRINCIPAL	PROJECT MANAGER	DESIGN MANAGER	QC/ S/ME	SENIOR ENGINEER	STAFF ENGINEER	GID ENGINEER	PUBS/SPECS /ADMIN	Total	Notes
Avg Raw Rate	\$120	\$92	\$87	\$90	\$80	\$45	\$33	\$40		

PROJECT SUMMARY

	Hours	Raw Cost	Billing Cost (3.0 Multiplier)	Subcontracts	Expenses	Total
A.1. Project Management						
Total Phase A.1	169	\$12,912	\$38,736		\$2,500	\$41,236
B.1 Preliminary Design 35%, 65%						
35% Design	0	\$0	\$0	\$0		\$0
65% Design	814	\$52,088	\$156,264		\$2,000	\$158,264
Total Phase B.1	814	\$52,088	\$156,264	\$0	\$2,000	\$158,264
B.2 Final Design 95%, 100%						
95% Design	548	\$36,703	\$110,109		\$1,906	\$112,015
100% Design	511	\$35,385	\$106,155		\$5,000	\$111,155
Subtotal	1,059	\$72,088	\$216,264	\$0	\$6,906	\$223,170
Bid Phase	141	\$8,933	\$26,799			\$26,799
Subtotal	141	\$8,933	\$26,799			\$26,799
Total Phase B.2	1,200	\$81,021	\$243,063	0	6,906	\$249,969
B.3 General Services During Construction						
Allowance - Phase B.3	0	\$0	\$0			\$0
B.4 Special Services						
USDA Grant Writing	0	\$0	\$0	\$0	\$0	\$0
Marketing Plan	0	\$0	\$0	\$0	\$0	\$0
NEPA Support	517	\$26,442	\$79,327	\$0	\$5,426	\$84,753
Pilot Study	325	\$23,465	\$70,396	\$0	\$37,450	\$107,846
Total Phase B.4	517	\$49,908	\$149,723	\$0	\$42,876	\$192,599
PROJECT TOTAL	2,700	\$195,928	\$587,785	\$0	\$54,282	\$642,068

JACOBS LABOR	Fee
Raw Labor Cost	\$195,928
Labor with 3.0 Multiplier	\$587,785
(a) TOTAL JACOBS LABOR	\$587,785

SUBCONTRACTS	Fee
Survey and GIS: Meshek & Associates	\$0
Geotech	\$0
Marketing Plan	\$0
5% Mark-up (administration and insurance)	\$0
(b) TOTAL SUBCONTRACT INCL MARK-UP	\$0
EXPENSES	Fee
Subtotal Expenses	\$54,282
(c) TOTAL EXPENSES	\$54,282
Total Fee (a) + (b) + (c)	\$642,068

AFFIDAVIT OF CLAIMANT

STATE OF Oklahoma

COUNTY OF Tulsa

The undersigned, of lawful age, being first duly sworn, on oath says that this contract is true and correct. Affiant further states that the work, services or materials will be completed or supplied in accordance with the contract, plans, specifications, orders or requests furnished the affiant. Affiant further states that (s)he has made no payment directly or indirectly of money or any other thing of value to any elected official, officer or employee of the City of Tulsa or any public trust of which the City is a beneficiary to obtain or procure the contract or purchase order.

By: Jennifer Kassa
Signature

Name: Jennifer Kassa

Company: Jacobs Engineering Group Inc.

Title: Vice President and Designated Manager

Subscribed and sworn to before me this 25th day of November, 20 24.

Amanda M. George
Notary Public

My Commission Expires: 12-02-2027

Notary Commission Number: 15011025



INTEREST AFFIDAVIT

STATE OF Oklahoma)
) ss.
COUNTY OF Tulsa)

I, Jennifer Kassa, of lawful age, being first duly sworn, state that I am the agent authorized by Contractor, Engineer, Architect or provider of professional service ["Services Provider"] to submit the attached Agreement. Affiant further states that no officer or employee of the City of Tulsa either directly or indirectly owns a five percent (5%) interest or more in the Services Provider's business or such a percentage that constitutes a controlling interest. Affiant further states that the following officers and/or employees of the City of Tulsa own an interest in the Services Provider's business which is less than a controlling interest, either direct or indirect.

* See Note Below

By Jennifer Kassa
Signature

Title Business Vice President & Designated Manager

Subscribed and sworn to before me this 16th day of December, 20 24

Amanda M. George
Notary Public

My Commission Expires: 12-02-2027

Notary Commission Number: 15011025

County & State Where Notarized: Tulsa, Oklahoma



The Affidavit must be signed by an authorized agent and notarized.

* Note: Jacobs Engineering Group Inc. (JEG) is a wholly owned subsidiary of Jacobs Solutions Inc. As Jacobs Solutions Inc. is publicly traded on the NYSE, with its stock being publicly traded on a daily basis by the general public and/or corporations, JEG is unable to verify whether any officer or employee of the City of Tulsa directly or indirectly owns 5% or more interest, or a controlling interest in Jacobs Solutions Inc. JEG is also unable to verify whether any officer or employee of the City of Tulsa owns an interest in Jacobs Solutions Inc. which is less than a controlling interest, either direct or indirect.

NON-COLLUSION AFFIDAVIT
(Required by Oklahoma law, 74 O.S. §85.22-85.25)

STATE OF Oklahoma)
) ss.
COUNTY OF Tulsa)

I, Jennifer Kassa, of lawful age, being first duly sworn, state that:
(Authorized Agent)

1. I am the authorized agent of Contractor, Engineer, Architect or provider of professional service ["Services Provider"] herein for the purposes of certifying facts pertaining to the existence of collusion between and among Services Provider and municipal officials or employees, as well as facts pertaining to the giving or offering of things of value to government personnel in return for special consideration in the letting of any contract pursuant to which this statement is attached.
2. I am fully aware of the facts and circumstances surrounding the making of the contract to which this statement is attached, and I have been personally and directly involved in the proceedings leading to the awarding of such contract; and
3. Neither the Services Provider nor anyone subject to the Services Provider's direction or control has been a party:
 - a. to any collusion with any municipal official or employee as to quantity, quality, or price in the prospective contract, or as to any other terms of such prospective contract, nor
 - b. in any discussions between Services Provider and any municipal official concerning exchange of money or other thing of value for special consideration in the letting of a contract.

By: Jennifer Kassa
Signature

Title: Business Vice President & Designated Manager

Subscribed and sworn to before me this 16th day of December, 20 24.

Amanda M. George
Notary Public

My Commission Expires: 12-02-2027

Notary Commission Number: 15011025

County & State Where Notarized: Tulsa, Oklahoma



The Affidavit must be signed by an authorized agent and notarized.



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
11/15/2024

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an **ADDITIONAL INSURED**, the policy(ies) must have **ADDITIONAL INSURED** provisions or be endorsed. If **SUBROGATION IS WAIVED**, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER LIC #0437153 Marsh Risk & Insurance Services CIRTS_Support@jacobs.com 633 W. Fifth Street Los Angeles, CA 90071 USA	1-212-948-1306	CONTACT NAME: PHONE (A/C, No, Ext): E-MAIL: ADDRESS:	FAX (A/C, No): 1-212-948-1306
INSURED Jacobs Engineering Group Inc. C/O Global Risk Management 555 South Flower Street, Suite 3200 Los Angeles, CA 90071 USA		INSURER(S) AFFORDING COVERAGE INSURER A: ACE AMER INS CO INSURER B: INDEMNITY INS CO OF NORTH AMER INSURER C: INSURER D: INSURER E: INSURER F:	
		NAIC # 22667 43575	

COVERAGES

CERTIFICATE NUMBER: 751373338

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL SUBR INSD WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> CONTRACTUAL LIABILITY GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:		HDO G4892007A	07/01/24	07/01/25	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 500,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 1,000,000 PRODUCTS - COMP/OP AGG \$ 1,000,000 \$
	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY					COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
	UMBRELLA LIAB <input type="checkbox"/> OCCUR EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED <input type="checkbox"/> RETENTION \$					EACH OCCURRENCE \$ AGGREGATE \$ \$
B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N N	WLR C5072041A (AOS) SCF C57256710 (WI) WCU C57256564 (OH)* WLR C57256667 (AZ)	07/01/24 07/01/24 07/01/24 07/01/24	07/01/25 07/01/25 07/01/25 07/01/25	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 100,000 E.L. DISEASE - EA EMPLOYEE \$ 100,000 E.L. DISEASE - POLICY LIMIT \$ 100,000 PER CLAIM/PER AGG 1,000,000
A	PROFESSIONAL LIABILITY		EON G21655065 015	07/01/24	07/01/25	

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

PROJECT MGR: Vibhuti Pandey. CONTRACT MGR: Alanna Black. RE: NEPA environmental assessment and cultural survey and to provide design services. CONTRACT NUMBER: 135959. CONTRACT END DATE: 12-31-2027. PROJECT NUMBER: WFXQ7900. SECTOR: Public. Workers comp Valid in the State of Oklahoma. *THE TERMS, CONDITIONS, AND LIMITS PROVIDED UNDER THIS CERTIFICATE OF INSURANCE WILL NOT EXCEED OR BROADEN IN ANY WAY THE TERMS, CONDITIONS, AND LIMITS AGREED TO UNDER THE APPLICABLE CONTRACT.*

CERTIFICATE HOLDER

CANCELLATION

Regional Metropolitan Utility Authority 2317 South Jackson Ave Tulsa, OK 74107 USA	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE
---	---

SUPPLEMENT TO CERTIFICATE OF INSURANCE

DATE
11/15/2024

NAME OF INSURED: Jacobs Engineering Group Inc.

Additional Description of Operations/Remarks from Page 1:

Additional Information:

*\$2,000,000 SIR FOR STATE OF: OHIO



City of Broken Arrow

Request for Action

File #: 24-1714, **Version:** 1

**Broken Arrow Municipal Authority
Meeting of: 01-07-2025**

Title:

Approval of and authorization to execute an Amendment 1 for Professional Engineering Services with Black & Veatch Corporation and the Regional Metropolitan Utility Authority (RMUA) for the Haikey Creek Lift Station (HCLS), Phase IV Improvements (BAMA Project no. HC23020, RMUA Project no. RMUA ES 2022-04)

Background:

The scope of the project is to upgrade the HCLS, due to multiple overflows that have occurred. The Lift Station needs additional capacity to meet future projected peak flows. This Amendment is to cover additional design costs for the consultant Black and Veatch Corporation (B&V) to investigate possible locations for an upstream flow equalization basin (FEB) for the Haikey Creek Lift Station to help mitigate peak flows upstream and reduce peak flows at the lift station. B&V will develop a list of advantages/disadvantages to this scenario.

Amendment 1 for Professional Engineering Services was negotiated with Black and Veatch for the HCLS Improvements Project. The Amendment 1 amount is \$28,217.00 bringing the total Agreement amount is \$297,030.00, the cost of which will be evenly split between the City of Tulsa and BAMA.

Cost: \$14,108.50 (BAMA's cost)

Funding Source: OWRB Loan

Requested By: Charlie Bright, PE, Director of Engineering and Construction

Approved By: City Manager's Office

Attachments: RMUA HCLS Phase IV Expansion Amendment 1 for Professional Engineering Services

Recommendation:

Approve and authorize execution of Amendment 1 for Professional Engineering Services with Black & Veatch Corporation and the Regional Metropolitan Utility Authority (RMUA) for the Haikey Creek Lift Station (HCLS), Phase IV Improvements (BAMA Project no. HC23020, RMUA Project no. RMUA ES 2022-04)

**AMENDMENT FOR
ENGINEERING SERVICES WITH BLACK & VEATCH
PROJECT NUMBER ES 2022-04
CONTRACT NO. 135541**

DESCRIPTION OF WORK AND LOCATION Per request from Owner, remove TM-2 deliverable from scope of AGREEMENT and add analysis of an additional alternative for an upstream Flow Equalization Basin on the 54-inch interceptor.

Total Budget	\$297,030.00
Original Construction Cost	N/A
Original Design (Study)	\$268,813.00
Additional Design Cost (Study Amendment)	\$28,217.00
Total Design Cost	\$297,030.00
Total Raw Labor Cost	\$65,078.00
Overhead	171.00%
Profit	10.00%
Multiplier	N/A
Total Design Cost / Total Construction Cost	N/A
Advertising Date	TBD

ENGINEERING CONSULTING AMENDMENT CHECKLIST

Over all cover sheet (attached)

- ☐ Correct project number and contract number
- ☐ Correct account number
- ☐ New insurance information (Section 11)
- ☐ Summary of original agreement and execution date
- ☐ Summary of previous amendments and execution date
- ☐ Detailed description of the reason for the amendment
- ☐ Signature page separate sheet having "IN WITNESS WHEREOF..." paragraph and signatures
- ☐ New detailed man-hour / task breakdown
- ☐ New schedule
- ☐ Insurance cancellation clause correct (30 days)

Prepared By:

Consulting Engineer



Black & Veatch, Project
Manager

Project Engineer

Lead Engineer

AMENDMENT NO. 1

TO THE

THE AGREEMENT

FOR

PROFESSIONAL ENGINEERING SERVICES

THIS AMENDMENT NO. 1, to the Agreement for Professional Engineering Services (Contract No. 135541) is made between the Regional Metropolitan Utility Authority, a Public Trust of the State of Oklahoma, hereinafter referred to as **AUTHORITY**, and Black & Veatch Corporation, a corporation organized under the laws of the state of Delaware, hereinafter referred to as **ENGINEER**;

WITNESSETH

WHEREAS, **AUTHORITY** intends to perform improvements to the existing Haikey Creek Lift Station located at 11606 South Garnett Road, Broken Arrow, OK 74011, hereinafter referred to as the **PROJECT**; and,

HAIKEY CREEK LIFT STATION, PHASE 4
PROJECT NO. ES 2022-04

WHEREAS, **AUTHORITY** and **ENGINEER** entered into an **AGREEMENT**, dated September 13, 2023, under which the **ENGINEER** was to provide professional services in connection with the **PROJECT**, hereinafter referred to as the **AGREEMENT**, and

WHEREAS, **AUTHORITY** requires certain additional professional services in connection with the **PROJECT**, hereinafter referred to as the **SERVICES**, thereby necessitating the amending of the **AGREEMENT**;

WHEREAS, **ENGINEER** is prepared to provide such **SERVICES**;

NOW THEREFORE, in consideration of the promises contained herein, the parties hereto agree as follows:

- 1.0 **SCOPE OF PROJECT**. The scope of the **PROJECT** shall be revised as described in Attachment A, **SCOPE OF PROJECT**, which is attached hereto and incorporated by reference as part of this **AMENDMENT NO. 1**.
- 2.0 **SERVICES TO BE PERFORMED BY ENGINEER**. **ENGINEER** shall perform the **SERVICES**, described in Attachment B, **SCOPE OF SERVICES**, which is attached hereto and incorporated by reference as part of this **AMENDMENT NO. 1**.
- 3.0 **COMPENSATION**. The **AUTHORITY** and the **ENGINEER** agree that the **ENGINEER** shall be compensated for these additional services on a salary multiplier basis in accordance with Attachment D, **COMPENSATION FOR ADDITIONAL SERVICES**, which is attached hereto and incorporated by reference as part of this **AMENDMENT NO. 1**.
- 4.0 All other terms and conditions of the **AGREEMENT** of, September 13, 2023 as amended, shall remain in full force and effect.

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IN WITNESS WHEREOF, the parties have executed this AMENDMENT in multiple copies on the respective dates herein below reflected to be effective on the date executed by the Chairman of the Regional Metropolitan Utility Authority.

(SEAL)
ATTEST:



Andrea C. Bernica

Andrea Bernica, Assistant Secretary

BLACK & VEATCH CORPORATION (ENGINEER)

Derek L. Cambridge

Derek Cambridge, Vice President

Date 12/04/2024

(SEAL)
APPROVED:

REGIONAL METROPOLITAN UTILITY AUTHORITY

Secretary

Chairman

Date _____

APPROVED AS TO FORM:

RECOMMENDED:

Attorney for Regional Metropolitan
Utility Authority

[Signature]

Director of Water and Sewer

RECOMMENDED:

Broken Arrow Municipal Authority, Chairperson

Broken Arrow Municipal Authority, General Manager

ATTEST:

(SEAL) Secretary

Broken Arrow Municipal Authority, Assistant City Attorney

SCOPE OF PROJECT

ATTACHMENT A

- A. **SCOPE OF PROJECT.** The Scope of Project should be amended as set forth in this AMENDMENT NO. 1:

- A. **SCOPE OF PROJECT.** Delete the following from Attachment A:

2. TM No. 2 – Lift Station Flow Testing: Includes site visit and coordination as required to observe existing pump operation, document flow rates for all pumps and pump combinations. Work will also include a detailed hydraulic analysis of existing facilities in comparison to Hydraulic Institute Standards, and a desktop transient analysis of the system. This TM will establish the actual firm and peak lift station capacity to be used in alternative development. TM No. 2 will also document known operations and maintenance (O&M) issues and make recommendations; however, no HEC-RAS or FEMA CLOMR/LOMR support is included in the current project scope to address known site flood access issues.

Add the following alternative to Attachment A:

4.e. Upstream FEB Alternative

- New upstream FEB on the 54-inch interceptor
 - Existing site alternative
 - New site alternative

SCOPE OF SERVICES

ATTACHMENT B

- B. SCOPE OF SERVICES.** The Scope of Services should be amended as set forth in this AMENDMENT NO. 1:

B.0. Project Management and Administration. Extend the duration of tasks B.0, B.0.1 and B.0.2 to include four additional months of active project management.

B.1.3.2. TM No. 2 – Lift Station Flow Testing. Delete all tasks under B.1.3.2. Apply remaining 19,841.00 in TM No. 2 fee as a credit to offset the added scope of this amendment.

After B.1.3.4, add the following new task, B.1.3.5:

B.1.3.5 New Upstream Flow Equalization Basin (FEB) alternative

B.1.3.5.1 Review available properties upstream of the Haikey Creek Lift Station for possible construction of an FEB. List advantages and disadvantages of each and discuss with AUTHORITY in a monthly meeting to reduce list to up to three possible sites. Document sites selected in the monthly meeting minutes. Prepare conceptual cost estimates for utility conveyance costs for each site to the same level of detail provided previously for other site assessments. Present estimates and conduct a non-monetary analysis of each site during a monthly progress meeting. Select one FEB site (document in meeting minutes) to carry forward for additional evaluations that follow.

B.1.3.5.2 Receive the combined hydrograph for the area from Others (not included in this contract). Utilize the hydrograph to identify up to four combinations of pumped versus FEB capacity to meet the required Haikey Creek Lift Station firm pumping capacity.

B.1.3.5.3 Utilize the previously developed lift station and above ground FEB cost curves (Northslope Master Plan and CIP Development, Appendix A, prepared by TetraTech) to comparatively optimize between the four combinations identified in B.1.3.5.2; new comparative cost tools are not included in this scope. Present the comparative cost estimates for each lift station/FEB combination and conduct a non-monetary analysis of each alternative in a monthly progress meeting. Outcomes will be documented in the meeting minutes.

B.1.3.5.4 Develop a Class 4 Opinion of Probable Construction Cost (per AACE) for the one selected FEB alternative. This cost opinion will be of the similar level of detail as previously provided alternative costs.

B.1.3.5.5 Summarize Upstream FEB results and update TM-3 with this information.

B.1.3.5.6 Participate in up to four additional presentations to AUTHORITY representatives, as requested. It is assumed the presentation material to each audience will be generally similar.

Revise B.4.1.4 as follows:

B.4.1.4 Business Case Evaluation (BCE). Add up to two additional Business Case Evaluation forms (BCEs) to document any revisions to the Phase 4 and 5 Haikey Creek Lift Station implementation plan that occur as a result of the new upstream FEB analysis.

SCHEDULE. ENGINEER agrees to complete all work described above within the timeframes outlined in this AMENDMENT NO. 1. (See EXHIBIT 2, PROJECT SCHEDULE.)

EXHIBIT 2
PROJECT SCHEDULE

Task	Milestone
Amendment No. 1 NTP	
Complete FEB analysis	60 days after NTP
AUTHORITY comments on FEB analysis	15 days after submittal of analysis
Submit draft TM-3	30 days after receipt of comments
AUTHORITY comments on draft TM-3	15 days after receipt of draft
Final TM-3	15 days after receipt of comments
Update presentation to AUTHORITY representatives	30 days after receipt of comments on TM-3 draft
Draft Conceptual Study Report and BCE(s)	30 days after update presentations complete
AUTHORITY comments on draft Conceptual Study Report	15 days after receipt of draft
Final Conceptual Study Report and BCE(s)	15 days after receipt of comments.

COMPENSATION FOR ADDITIONAL SERVICES**ATTACHMENT D****D. COMPENSATION.**

ENGINEER shall be paid as compensation for the professional services set forth in this AMENDMENT NO. 1 and itemized in (see EXHIBIT 3, FEE SCHEDULE), an amount not to exceed Twenty-eight thousand Two Hundred Seventeen and 00/100 Dollars (\$28,217.00).

The ENGINEER acknowledges the following summary of modifications to the Fee Schedule as stated in the original Contract and modified by AMENDMENT NO. 1:

D.4. Travel and Subsistence Reimbursement. Travel and subsistence from outside the Tulsa Metropolitan Area shall be reimbursed at actual costs and not exceed current GSA Rates. Local travel will not be reimbursed.

D.7 Special Services Allowance. At the sole discretion of AUTHORITY, a Special Services Allowance for geotechnical, potholing, abstract (real estate) research, and/or permit/review fees may be provided by AUTHORITY. Any such allowance will be for the direct cost of the Special Services, not to exceed Zero Dollars and Zero Cents (\$0.00) and will not include payment of any markup, profit or overhead to ENGINEER. Use of the Special Services Allowance must be authorized, in writing, by the AUTHORITY.

Original Contract Amount	\$268,813.00
AMENDMENT NO. 1	<u>\$28,217.00</u>
Total Amended Contract Amount	<u>\$297,030.00</u>

EXHIBIT 3 FEE SCHEDULE

Task		Hours	Labor	Travel Expenses	Field/Misc Expenses	Project Total
CONTRACT TOTALS IN USD \$:		186	27217	0.00	1,000	28,217
Task 1						
Upstream FEB Addition					0.00	
1/01	Site Alternatives + Workshop (HUB-head)	8	1451.53	0.00	0.00	1451.53
1/02	Model Coordination for hydrograph	9	2094.05	0.00	0.00	2094.05
1/03	Identify combinations of pumped versus FEB flow (up to 4)	42	8169.15	0.00	0.00	8169.15
1/04	Utilize cost curves for comparative estimate	26	3883.59	0.00	0.00	3883.59
1/05	Workshop for comparative estimate review	16	2923.26	0.00	0.00	2923.26
1/06	Cost opinion (similar method to previous)	29	4215.78	0.00	0.00	4215.78
1/07	Add info to TM3	35	5408.64	0.00	0.00	5408.64
1/08	Additional BCE development	10	1654.91	0.00	0.00	1654.91
1/09	Update presentations (AMC, BA, TMUA, RMUA)	31	7371.58	0.00	0.00	7371.58
1/10	Project Management (4 additional months) + progress meetings	53	9875.07	0.00	1000.00	9875.07
Task 1 Subtotals		259	47057.67	0.00	1000.00	48057.67
Task 2						
Task 2 Name					0.00	
2/01	TM2 Credit from Original Agreement	-73	-19840.74	0.00	0.00	-19840.74
Task 2 Subtotals		-73	-19840.74	0.00	0.00	-19840.74



City of Broken Arrow

Request for Action

File #: 24-1706, Version: 1

**Broken Arrow Municipal Authority
Meeting of: 01/07/2025**

Title:

Ratification of the Claims List Check Register Dated December 30, 2024

Background:

Council on September 3, 2019 approved Ordinance No. 3601 allowing ratification of the claims list. For the period from December 10, 2024 through December 30, 2024 Checks, V-Cards (single use electronic credit cards) or ACH (direct payments to the vendors bank by the federal reserve automated clearing house) were processed for a total of \$6,491,906.30 for the various funds.

Governmental Funds	\$3,807,730.46
BAMA	\$2,632,464.18
BAEDA	<u>\$ 51,711.66</u>
Total	\$6,491,906.30

A summary by funds and detail are attached.

Cost: \$2,632,464.18

Funding Source: BAMA Operational and Capital accounts

Requested By: Cynthia S. Arnold, Finance Director

Approved By: City Manager's Office

Attachments: Check Register dated December 30, 2024

Recommendation:...**recommend**

Ratify Claims List Check Register dated 12/30/2024



Fund

CHECK DATE	CHECK #	VENDOR	NAME	INVOICE	DESCRIPTION	G/L NUMBER	PROJECT	YEAR/PERIOD	AMOUNT
			FUND		DESCRIPTION	AMOUNT		INVOICE COUNT	
	110		GENERAL			316,080.00		817	
	220		BA MUNICIPAL AUTHORITY			2,632,464.18		1,182	
	227		CVB-HOTEL MOTEL			13,182.13		56	
	330		SALES TAX CAPITAL IMPROVEMENT			512,373.16		20	
	342		STREET LIGHT FUND			32,599.44		93	
	343		STREET SALES TAX FUND			73,773.65		5	
	344		PS SALES TAX POLICE			318,533.80		424	
	345		PS SALES TAX FIRE			95,719.41		218	
	346		ADMINISTRATIVE TECHNOLOGY			200.00		1	
	348		ARPA FUND			338,447.44		2	
	593		2018 BOND ISSUE			877,301.33		23	
	660		WORKERS COMPENSATIONS			28,289.17		7	
	661		GROUP HEALTH AND LIFE			69,993.41		8	
	770		DEBT SERVICE GO BOND			1,129,762.52		6	
	882		AGENCY FUND DEPOSITS			1,475.00		7	
	887		ECONOMIC DEVELOP AUTHORITY			51,711.66		3	
	Total					6,491,906.30		2,872	

City of Broken Arrow
Check Register by Fund



Fund 220

CHECK DATE	CHECK #	VENDOR	NAME	INVOICE	DESCRIPTION	G/L NUMBER	PROJECT	YEAR/PERIOD	AMOUNT
12/12/2024	324744	5221	BRENT STOUT	PDR 12172024A	PER DIEM FOR ODOT PROVEN SAFETY COUNTER MEASURES	2205205 550030		2025/6	24.00
						Total For Check # 324744			24.00
12/12/2024	324748	882	COX COMMUNICATIONS	076689001 11242024	001 6311 076689001 NOV 24, 2024	2205400 550220		2025/6	173.86
				076689001 11242024	001 6311 076689001 NOV 24, 2024	2205100 550220		2025/6	498.21
				076689001 11242024	001 6311 076689001 NOV 24, 2024	2205410 550540		2025/6	98.99
				076689001 11242024	001 6311 076689001 NOV 24, 2024	2205100 550540		2025/6	188.26
						Total For Check # 324748			959.32
12/12/2024	324750	4932	JOHN WINDLOW	PDR 12172024A	PER DIEM FOR ODOT PROVEN SAFETY COUNTER MEASURES	2205205 550030		2025/6	24.00
						Total For Check # 324750			24.00
12/12/2024	324753	5218	MASON KETTLER	PDR12172024	PER DIEM FOR ODOT PROVEN SAFETY COUNTER MEASURES	2205205 550030		2025/6	24.00
						Total For Check # 324753			24.00
12/12/2024	324764	5216	918 WRECKER SERVICE INC.	24-255741	24-255741 12/03/2024	2205010 540200		2025/6	160.00
				24-255902	24-255902 12/04/2024	2205010 540200		2025/6	160.00
				24-255473	24-255473 12/02/2024	2205010 540200		2025/6	160.00
				24-255508	TOW SERVICES FOR UNIT 1677 SANITATION	2205010 540200		2025/6	160.00
				24.256173	24-256173 12/06/2024	2205010 540200		2025/6	160.00
				24-256173	24-256173 12/06/2024	2205010 540200		2025/6	160.00
						Total For Check # 324764			960.00
12/12/2024	324765	4919	ADEMCO INC.	ZK4LGQ01	ZK4LGQ01 12/02/2024	2205405 560450		2025/6	122.86
						Total For Check # 324765			122.86
12/12/2024	324766	149	AMERICAN ELECTRIC POWER/PSO	234-103-0-2 11272024	FY25 ANNUAL AGREEMENT 8 PYMTS	2205305 550250		2025/6	85.47
				540-379-4-6 11262024	954-540-379-4-6 NOV 26, 2024 13874 1/2 S 177TH E A	2205410 550250		2025/6	5,766.72

City of Broken Arrow
Check Register by Fund



Fund 220

CHECK DATE	CHECK #	VENDOR	NAME	INVOICE	DESCRIPTION	G/L NUMBER	PROJECT	YEAR/PERIOD	AMOUNT
				540-379-4-6 11262024	954-540-379-4-6 NOV 26, 2024 13803 S 177TH EAST AV	2205410 550250		2025/6	4,819.54
				540-379-4-6 11262024	954-540-379-4-6 NOV 26, 2024 13834 S 177TH EAST AV	2205410 550250		2025/6	28,948.24
				970-788-0-2 11202024	950-970-788-0-2 NOV 20, 2024	2205406 550250		2025/6	41.07
				965-664-0-3 12202024	958-965-664-0-3 NOV 20, 2024	2205406 550250		2025/6	26.05
				568-468-0-4 11202024	957-568-468-0-4 NOV 20, 2024	2205406 550250		2025/6	23.96
				333-030-0-6 11192024	953-333-030-0-6 NOV 19, 2024	2205406 550250		2025/6	23.52
				626-029-0-4 11192024	955-626-029-0-4 NOV 19, 2024	2205406 550250		2025/6	23.70
				401-274-0-3 11192024	956-401-274-0-3 NOV 19, 2024	2205406 550250		2025/6	70.72
				453-184-0-8 11202024	951-453-184-0-8 NOV 20, 2024	2205406 550250		2025/6	23.52
				740-838-0-8 11202024	951-740-838-0-8 NOV 20, 2024	2205406 550250		2025/6	23.52
				304-214-4-7 11202024	953-304-214-4-7 NOV 20, 2024	2205406 550250		2025/6	23.52
				701-710-0-4 11202024	950-701-710-0-4 NOV 20, 2024	2205406 550250		2025/6	6.20
				844-103-0-2 11262024	955-844-103-0-2 11262024 504 N PECAN AVE	2205100 550250		2025/6	39.81
				844-103-0-2 11262024	955-844-103-0-2 11262024 485 N POPLAR AVE	2205100 550250		2025/6	1,428.40
				844-103-0-2 11262024	955-844-103-0-2 11262024 40 N PECAN AVE	2205100 550250		2025/6	411.06
				844-103-0-2 11262024	955-844-103-0-2 11262024 504 N PECAN AVE	2205100 550250		2025/6	850.17
				324-103-0-2 11252024	958-324-103-0-2 NOV 25, 2024 7506 S INIANWOOD AVE	2205415 550250		2025/6	138.11
				324-103-0-2 11252024	958-324-103-0-2 NOV 25, 2024 6222 W DURHAM ST	2205415 550250		2025/6	87.85
				324-103-0-2 11252024	958-324-103-0-2 NOV 25, 2024 6701 E KENOSHA ST UNI	2205415 550250		2025/6	236.91
				324-103-0-2 11252024	958-324-103-0-2 NOV 25, 2024 2595 W JASPER ST	2205415 550250		2025/6	50.81
				324-103-0-2 11252024	958-324-103-0-2 NOV 25, 2024 904 W QUINTON ST	2205415 550250		2025/6	63.24
				324-103-0-2 11252024	958-324-103-0-2 NOV 25, 2024 6554 S 232ND EAST AVE	2205415 550250		2025/6	87.34

City of Broken Arrow
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Fund 220

CHECK DATE	CHECK #	VENDOR	NAME	INVOICE	DESCRIPTION	G/L NUMBER	PROJECT	YEAR/PERIOD	AMOUNT
				324-103-0-2 11252024	958-324-103-0-2 NOV 25, 2024 1400 W SHREVEPORT ST	2205415 550250		2025/6	53.35
				324-103-0-2 11252024	958-324-103-0-2 NOV 25, 2024 2750 N 37TH ST	2205415 550250		2025/6	2,545.60
				324-103-0-2 11252024	958-324-103-0-2 NOV 25, 2024 7751 E KENOSHA ST	2205415 550250		2025/6	169.50
				324-103-0-2 11252024	958-324-103-0-2 NOV 25, 2024 7950 E FREEPORT PL	2205415 550250		2025/6	39.81
				324-103-0-2 11252024	958-324-103-0-2 NOV 25, 2024 BROKEN ARROW	2205415 550250		2025/6	53.97
				324-103-0-2 11252024	958-324-103-0-2 NOV 25, 2024 5205 1/2 S 193RD E AV	2205415 550250		2025/6	2,501.63
				324-103-0-2 11252024	958-324-103-0-2 NOV 25, 2024 4501 E KENOSHA ST	2205415 550250		2025/6	454.88
				324-103-0-2 11252024	958-324-103-0-2 NOV 25, 2024 3515 E 41ST S T S	2205415 550250		2025/6	112.12
				324-103-0-2 11252024	958-324-103-0-2 NOV 25, 2024 6218 W UTICA CT	2205415 550250		2025/6	55.38
				324-103-0-2 11252024	958-324-103-0-2 NOV 25, 2024 6601 S 241ST E AVE	2205415 550250		2025/6	2,942.46
				324-103-0-2 11252024	958-324-103-0-2 NOV 25, 2024 8356 WRIGHT AVE	2205415 550250		2025/6	97.48
				324-103-0-2 11252024	958-324-103-0-2 NOV 25, 2024 4213 W WINSTON ST	2205415 550250		2025/6	181.99
				324-103-0-2 11252024	958-324-103-0-2 NOV 25, 2024 900 W QUINTON ST	2205415 550250		2025/6	920.41
				324-103-0-2 11252024	958-324-103-0-2 NOV 25, 2024 1313 N 6TH ST	2205415 550250		2025/6	129.94
				324-103-0-2 11252024	958-324-103-0-2 NOV 25, 2024 1301 E MEMPHIS ST	2205415 550250		2025/6	101.12
				324-103-0-2 11252024	958-324-103-0-2 NOV 25, 2024 6701 S ELM PL	2205415 550250		2025/6	99.53
				324-103-0-2 11252024	958-324-103-0-2 NOV 25, 2024 910 N 23RD ST	2205415 550250		2025/6	67.49
				324-103-0-2 11252024	958-324-103-0-2 NOV 25, 2024 1709 W MIAMI ST	2205415 550250		2025/6	104.04
				324-103-0-2 11252024	958-324-103-0-2 NOV 25, 2024 3440 N 41ST E AVE	2205415 550250		2025/6	66.04

City of Broken Arrow
Check Register by Fund



Fund 220

CHECK DATE	CHECK #	VENDOR	NAME	INVOICE	DESCRIPTION	G/L NUMBER	PROJECT	YEAR/PERIOD	AMOUNT
				324-103-0-2 11252024	958-324-103-0-2 NOV 25, 2024 20600 E 81ST ST S	2205415 550250		2025/6	47.21
					Total For Check # 324766				54,043.40
12/12/2024	324767	5053 LARRY COPENHAVER		11100	HVAC FOR NEW FLEET PM BUILDING - JEFF O.	2205120 570150	2451060	2025/6	3,485.00
					Total For Check # 324767				3,485.00
12/12/2024	324769	4935 AMAZON.COM SALES INC		1YTJ-9V9L-67DR	BLANKET PO	2205130 560230		2025/6	16.91
				1CVL-QT3M-6147	BLANKET PO	2205130 560230		2025/6	17.99
				1KPL-Y9PF-FC9G	BLANKET PO	2205400 560230		2025/6	67.83
				1J1M-QJH7-YN1J	CALENDARS FOR FINANCE	2201503 560030		2025/6	9.41
					Total For Check # 324769				112.14
12/12/2024	324771	1465 AMERICAN WASTE CONTROL		0007219163	ROLLOFF SERVICES	2205410 540300		2025/6	540.00
					Total For Check # 324771				540.00
12/12/2024	324775	5126 ASCEND COMMERCIAL BUILDERS		PA 2 2217090	PW Field Office	2201700 570150	2217090	2025/6	63,689.97
					Total For Check # 324775				63,689.97
12/12/2024	324778	1594 BIO-CHEM INDUSTRIES INC.		S1006OK	ODOR CONTROL FOR COUNTY LINE SEWER TRUCK LINE	2205415 540280		2025/6	28,632.76
					Total For Check # 324778				28,632.76
12/12/2024	324780	3 BRENNTAG SOUTHWEST INC		BSW587497	BLANKET PO - CHLORINE	2205405 560340		2025/6	10,544.11
					Total For Check # 324780				10,544.11
12/12/2024	324781	1330 BRINK'S INCORPORATED		7060118	7060118 11/30/2024	2201503 550280		2025/6	1,128.18
					Total For Check # 324781				1,128.18
12/12/2024	324783	19 BROKEN ARROW ELECTRIC SUPPLY INC		S3281020.001	BLANKET PO FOR MISC ELECTRICAL	2205410 560230		2025/6	21.08
				S3267874.002	BLANKET PO FOR MISC ELECTRICAL	2205410 560450		2025/6	298.66

City of Broken Arrow
Check Register by Fund



Fund 220

CHECK DATE	CHECK #	VENDOR	NAME	INVOICE	DESCRIPTION	G/L NUMBER	PROJECT	YEAR/PERIOD	AMOUNT
					Total For Check #	324783			319.74
12/12/2024	324784	20	BROKEN ARROW LAWN & GARDEN	112726	EU2200ITAN HOWW EU2200I GENERATOR	2205405 560240		2025/6	1,099.00
					Total For Check #	324784			1,099.00
12/12/2024	324787	594	BUILDERS SUPPLY, INC.	787952	BLANKET PO FOR MISC BUILDING SUPPLIES	2205210 570150	2552120	2025/6	388.56
					Total For Check #	324787			388.56
12/12/2024	324788	3569	CASCADE ENGINEERING INC.	251000650	CASACADE CARTS - SANITATION	2205010 560420		2025/6	35,151.00
				64973	CREDIT NOTE FROM 02/03/2023	220 468010		2025/6	-229.26
					Total For Check #	324788			34,921.74
12/12/2024	324789	2083	CHEMTRADE CHEMICALS US LLC	90174700	BLANKET PO FOR LIQUID AMMONIUM SULFATE	2205405 560340		2025/6	15,708.00
					Total For Check #	324789			15,708.00
12/12/2024	324792	295	CITY OF TULSA	219045-2170373 11/24	219045-2170373 10/30/24-11/27/24	2205405 540300		2025/6	243.04
				204713-2156415 11/24	WATER USUAGE FEES	2205405 540300		2025/6	729.12
				204713-2156415 10/24	204713-2156415 9/30/24-10/30/2024	2205405 540300		2025/6	707.88
					Total For Check #	324792			1,680.04
12/12/2024	324793	1391	CLEAN THE UNIFORM CO OKLAHOMA	52108301	UNIFROMS & OTHER RENTALS	2205405 540330		2025/6	7.50
				52108301	UNIFROMS & OTHER RENTALS	2205405 560310		2025/6	51.83
				52107173	UNIFORMS AND OTHER RENTALS	2205405 540310		2025/6	50.37
				52107173	UNIFORMS AND OTHER RENTALS	2205405 540330		2025/6	17.88
				52109409	52109409 12/06/2024	2205410 540310		2025/6	31.92
				52109409	52109409 12/06/2024	2205410 540330		2025/6	0.34
				52109409	52109409 12/06/2024	2205410 540330		2025/6	3.75
				52108298	52108298 11/29/2024	2205305 540310		2025/6	169.88

City of Broken Arrow
Check Register by Fund



Fund 220

CHECK DATE	CHECK #	VENDOR	NAME	INVOICE	DESCRIPTION	G/L NUMBER	PROJECT	YEAR/PERIOD	AMOUNT
				52108298	52108298 11/29/2024	2205305 540330		2025/6	2.55
				52107807	52107807 11/27/2024	2205120 540310		2025/6	88.80
				52107807	52107807 11/27/2024	2205400 540310		2025/6	105.43
				52107807	52107807 11/27/2024	2205415 540310		2025/6	61.07
				52107807	52107807 11/27/2024	2205406 540310		2025/6	43.02
				52107807	52107807 11/27/2024	2205403 540310		2025/6	59.08
				52107807	52107807 11/27/2024	2205115 540310		2025/6	27.94
				52107807	52107807 11/27/2024	2205010 540310		2025/6	228.57
				52107807	52107807 11/27/2024	2205130 540310		2025/6	6.60
				52107807	52107807 11/27/2024	2201700 540330		2025/6	2.20
				52107807	52107807 11/27/2024	2205120 540330		2025/6	25.00
				52107807	52107807 11/27/2024	2205400 540330		2025/6	9.48
				52107807	52107807 11/27/2024	2205130 540330		2025/6	22.54
					Total For Check # 324793				1,015.75
12/12/2024	324794	4393 CLOUDPOINT GEOSPATIAL INC	INV-05007		Monthly Managed Services	2201205 530870		2025/6	7,250.00
					Total For Check # 324794				7,250.00
12/12/2024	324795	565 CMC STEEL FABRICATORS INC	99075C		Fiberglass Rod-Matt Duran	2205305 560230		2025/6	102.00
			99220V		Slow/Stop Sign-Matt Duran	2205305 560230		2025/6	80.00
			99219T		Parts for Matt Duran	2205305 560230		2025/6	117.50
					Total For Check # 324795				299.50
12/12/2024	324797	1270 CORE & MAIN	V988692		MJ ACCESSORY KITS FOR UTILITIES	2205400 560400		2025/6	686.85
			V858836		(URGENT) PW STOCK ORDER	220 141000		2025/6	37,700.00
			V935356		PW STOCK ORDER/URGENT NEED	220 141000		2025/6	8,200.00
			V840634		Dechlorinating Tablets	2205415 560340		2025/6	440.00

City of Broken Arrow
Check Register by Fund



Fund 220

CHECK DATE	CHECK #	VENDOR	NAME	INVOICE	DESCRIPTION	G/L NUMBER	PROJECT	YEAR/PERIOD	AMOUNT
				V881004	PW STOCK	220 141000		2025/6	600.00
				V514670	OLD TOWN WL IMPROVEMENTS PROJ NO 2254400	2205400 570150	2254400	2025/6	7,843.35
				V379901	DOUBLE SADDLE FOR TRAVIS/CHRIS	2205400 560400		2025/6	3,040.00
				V987424	CITY COUNCIL APPROVED 06/17/24	2205400 570150	2254400	2025/6	4,790.00
				V965950	MJ ACCESSORY KITS FOR UTILITIES	2205400 560400		2025/6	1,676.65
				V670094	PW STOCK PRIMER	220 141000		2025/6	450.00
					Total For Check #	324797			65,426.85
12/12/2024	324800	605 CUSTOM SERVICES INC		539774436	REPLACE EXHAUST FAN OVER CHEMICAL BUILDING (WTP)	2205405 540070		2025/6	7,566.00
					Total For Check #	324800			7,566.00
12/12/2024	324801	4794 DAIOHS FIRST CHOICE		TU-74042	COFFEE FOR OPS BUILDING	2205205 560230		2025/6	67.80
					Total For Check #	324801			67.80
12/12/2024	324805	1358 DOLESE BROS. CO.		RM24067262	BLANKET PO FOR BACKUP CONCRETE	2205305 560270		2025/6	574.00
					Total For Check #	324805			574.00
12/12/2024	324807	2107 EMPIRE PRINTING		57765A	David Myers Winter Clothing	2205200 560100		2025/6	51.00
				57765B	Renato Winter jacket	2205200 560100		2025/6	48.00
				57765C	Jess Stephens Winter Jacket	2205200 560100		2025/6	46.49
				57765D	Tim's Winter Jacket	2205200 560100		2025/6	53.75
				57765E	Koby Haddock winter clothing	2205200 560100		2025/6	50.00
					Total For Check #	324807			249.24
12/12/2024	324809	399 ENVIRONMENTAL IMPROVEMENTS INC		056305	Bredel 40 hose EPDM PN#28-040075	2205405 560450		2025/6	3,420.00
					Total For Check #	324809			3,420.00



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CHECK DATE	CHECK #	VENDOR	NAME	INVOICE	DESCRIPTION	G/L NUMBER	PROJECT	YEAR/PERIOD	AMOUNT
12/12/2024	324811	5182	ESSENTIAL EQUIPMENT TX LLC	4363	INSPECTION CAMERA FOR WATER QUALITY - TIM R.	2205404 570030	2554300	2025/6	3,096.65
Total For Check # 324811									3,096.65
12/12/2024	324813	5004	FW FLEET CLEAN, LLC	FC2810422	BLANKET PO FOR TRUCK WASHING	2205010 550100		2025/6	655.00
Total For Check # 324813									655.00
12/12/2024	324814	2364	FLUID SPECIALTIES	00604060	21999-0256 SUBURBAN 120 SERIES - 1" NPT 3 STAGE	2205405 560450		2025/6	319.20
Total For Check # 324814									319.20
12/12/2024	324815	900	FORTILINE INC	6735546	METER BOX LID KEYS -DERRIEL	220 141000		2025/6	9.76
				6735484	METER BOX 18"	220 141000		2025/6	7,079.90
Total For Check # 324815									7,089.66
12/12/2024	324817	153	GELCO UNIFORMS & SHOES INC	00293166	BLANKET PO FOR SAFETY SHOES	2205205 560100		2025/6	125.99
				00293101	BLANKET PO FOR SAFETY SHOES	2205010 560100		2025/6	170.99
				00292791	CARHARTS FOR SAM MYERS-MATT DURAN	2205305 560100		2025/6	221.98
				00293088	BLANKET PO FOR SAFETY SHOES	2205403 560100		2025/6	200.00
Total For Check # 324817									718.96
12/12/2024	324819	4963	GLASS WORKS INC.	34829	BLANKET PO FOR GLASS REPAIR	2205305 540200		2025/6	735.00
Total For Check # 324819									735.00
12/12/2024	324821	5026	DALE GRAHAM	000009	000009 12/03/2024	2205405 540070		2025/6	348.00
Total For Check # 324821									348.00
12/12/2024	324822	76	GRAINGER	9317089556	Calibration gas and regulator	2205415 560340		2025/6	1,399.50
Total For Check # 324822									1,399.50



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CHECK DATE	CHECK #	VENDOR	NAME	INVOICE	DESCRIPTION	G/L NUMBER	PROJECT	YEAR/PERIOD	AMOUNT
12/12/2024	324823	77	GRAND RIVER DAM AUTHORITY	71,305	ELECTRIC FOR OOWA PUMP STATION NOV 2024	2205405 550940		2025/6	175.80
Total For Check # 324823									175.80
12/12/2024	324824	79	GREEN ACRE SOD FARMS	7218	BL;ANKET PO FOR BERMUDA SOD	2205305 560230		2025/6	60.00
				7216	BL;ANKET PO FOR BERMUDA SOD	2205305 560230		2025/6	95.00
				7217	BL;ANKET PO FOR BERMUDA SOD	2205305 560230		2025/6	95.00
				7194	BL;ANKET PO FOR BERMUDA SOD	2205400 570150	2254400	2025/6	285.00
				7195	BL;ANKET PO FOR BERMUDA SOD	2205305 560230		2025/6	47.50
Total For Check # 324824									582.50
12/12/2024	324826	969	GREENHILL MATERIALS	265522	PRIMARY BLANKET FOR 8" SURGE ROCK	2205305 560230		2025/6	200.75
				265194	PRIMARY BLANKET FOR 8" SURGE ROCK	2205305 560270		2025/6	184.97
				265276	PRIMARY BLANKET FOR 8" SURGE ROCK	2205305 560270		2025/6	195.88
				265314	PRIMARY BLANKET FOR 8" SURGE ROCK	2205305 560270		2025/6	393.38
				265407	PRIMARY BLANKET FOR 8" SURGE ROCK	2205305 560270		2025/6	611.39
Total For Check # 324826									1,586.37
12/12/2024	324827	1144	HDR, INC	1200675111	VRWTP Raw Water Pump Agreement	2205405 570160	2454140	2025/6	9,905.66
				1200675105	TECHNOLOGY CHARGE	2205405 530870		2025/6	6,523.48
Total For Check # 324827									16,429.14
12/12/2024	324828	2337	ICM OF AMERICA INC	062596	PW STOCK ORDER	220 141000		2025/6	1,350.00
Total For Check # 324828									1,350.00

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12/12/2024	324834	914	INTERSTATE ALL BATTERY CENTER	1925799008552	PW STOCK ORDER BATTERIES	220 141000		2025/6	790.00
Total For Check # 324834									790.00
12/12/2024	324835	23	J D YOUNG COMPANY INC	1233889	LEASE & USAGE CHARGE FY25	2201503 540330		2025/6	104.37
				1233889	LEASE & USAGE CHARGE FY25	2205100 540330		2025/6	94.06
				1233889	LEASE & USAGE CHARGE FY25	2205115 540330		2025/6	87.60
				1233889	LEASE & USAGE CHARGE FY25	2205120 540330		2025/6	94.06
				1233889	LEASE & USAGE CHARGE FY25	2205130 540330		2025/6	89.08
				1233889	LEASE & USAGE CHARGE FY25	2205205 540330		2025/6	217.58
				1233889	LEASE & USAGE CHARGE FY25	2205305 540330		2025/6	94.06
				1233889	LEASE & USAGE CHARGE FY25	2205405 540330		2025/6	94.06
				1233889	LEASE & USAGE CHARGE FY25	2205410 540330		2025/6	94.06
				1233889	LEASE & USAGE CHARGE FY25	2201503 540550		2025/6	67.53
				1233889	LEASE & USAGE CHARGE FY25	2205100 540550		2025/6	38.96
				1233889	LEASE & USAGE CHARGE FY25	2205115 540550		2025/6	31.10
				1233889	LEASE & USAGE CHARGE FY25	2205120 540550		2025/6	9.82
				1233889	LEASE & USAGE CHARGE FY25	2205130 540550		2025/6	47.25
				1233889	LEASE & USAGE CHARGE FY25	2205205 540550		2025/6	943.27
				1233889	LEASE & USAGE CHARGE FY25	2205305 540550		2025/6	731.29
				1233889	LEASE & USAGE CHARGE FY25	2205405 540550		2025/6	94.97

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				1233889	LEASE & USAGE CHARGE FY25	2205410 540550		2025/6	32.09
				1233889	LEASE & USAGE CHARGE FY25	2201503 560230		2025/6	3.09
				1233889	LEASE & USAGE CHARGE FY25	2205100 560230		2025/6	3.09
				1233889	LEASE & USAGE CHARGE FY25	2205115 560230		2025/6	3.09
				1233889	LEASE & USAGE CHARGE FY25	2205120 560230		2025/6	3.09
				1233889	LEASE & USAGE CHARGE FY25	2205130 560230		2025/6	3.09
				1233889	LEASE & USAGE CHARGE FY25	2205205 560230		2025/6	3.09
				1233889	LEASE & USAGE CHARGE FY25	2205305 560230		2025/6	3.09
				1233889	LEASE & USAGE CHARGE FY25	2205405 560230		2025/6	3.09
				1233889	LEASE & USAGE CHARGE FY25	2205410 560230		2025/6	3.09
					Total For Check # 324835				2,993.02
12/12/2024	324836	5131 KEVIN BEHE		12425	CITY COUNCIL APPROVED 09/09/24	2205100 540070		2025/6	1.29
				12425	CITY COUNCIL APPROVED 09/09/24	2205120 540070		2025/6	0.52
				12425	CITY COUNCIL APPROVED 09/09/24	2205305 540070		2025/6	0.39
				12425	CITY COUNCIL APPROVED 09/09/24	2205410 540070		2025/6	6.09
				12423	CITY COUNCIL APPROVED 09/09/24	2205100 540070		2025/6	1.68
				12423	CITY COUNCIL APPROVED 09/09/24	2205120 540070		2025/6	0.67
				12423	CITY COUNCIL APPROVED 09/09/24	2205305 540070		2025/6	0.50

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				12423	CITY COUNCIL APPROVED 09/09/24	2205410 540070		2025/6	7.91
				11985	CITY COUNCIL APPROVED 09/09/24	2205100 540070		2025/6	1.30
				11985	CITY COUNCIL APPROVED 09/09/24	2205120 540070		2025/6	0.52
				11985	CITY COUNCIL APPROVED 09/09/24	2205305 540070		2025/6	0.39
				11985	CITY COUNCIL APPROVED 09/09/24	2205410 540070		2025/6	6.09
				12001	CITY COUNCIL APPROVED 09/09/24	2205100 540070		2025/6	1.29
				12001	CITY COUNCIL APPROVED 09/09/24	2205120 540070		2025/6	0.52
				12001	CITY COUNCIL APPROVED 09/09/24	2205305 540070		2025/6	0.39
				12001	CITY COUNCIL APPROVED 09/09/24	2205410 540070		2025/6	6.09
				12002	CITY COUNCIL APPROVED 09/09/24	2205100 540070		2025/6	1.04
				12002	CITY COUNCIL APPROVED 09/09/24	2205120 540070		2025/6	0.41
				12002	CITY COUNCIL APPROVED 09/09/24	2205305 540070		2025/6	0.31
				12002	CITY COUNCIL APPROVED 09/09/24	2205410 540070		2025/6	4.87
				12004	CITY COUNCIL APPROVED 09/09/24	2205100 540070		2025/6	0.78
				12004	CITY COUNCIL APPROVED 09/09/24	2205120 540070		2025/6	0.31
				12004	CITY COUNCIL APPROVED 09/09/24	2205305 540070		2025/6	0.23
				12004	CITY COUNCIL APPROVED 09/09/24	2205410 540070		2025/6	3.65
				12008	CITY COUNCIL APPROVED 09/09/24	2205100 540070		2025/6	1.04
				12008	CITY COUNCIL APPROVED 09/09/24	2205120 540070		2025/6	0.41

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				12008	CITY COUNCIL APPROVED 09/09/24	2205305 540070		2025/6	0.31
				12008	CITY COUNCIL APPROVED 09/09/24	2205410 540070		2025/6	4.87
				12426	CITY COUNCIL APPROVED 09/09/24	2205100 540070		2025/6	1.68
				12426	CITY COUNCIL APPROVED 09/09/24	2205120 540070		2025/6	0.67
				12426	CITY COUNCIL APPROVED 09/09/24	2205305 540070		2025/6	0.50
				12426	CITY COUNCIL APPROVED 09/09/24	2205410 540070		2025/6	7.91
				12420	CITY COUNCIL APPROVED 09/09/24	2205100 540070		2025/6	1.04
				12420	CITY COUNCIL APPROVED 09/09/24	2205120 540070		2025/6	0.41
				12420	CITY COUNCIL APPROVED 09/09/24	2205305 540070		2025/6	0.31
				12420	CITY COUNCIL APPROVED 09/09/24	2205410 540070		2025/6	4.87
				12421	CITY COUNCIL APPROVED 09/09/24	2205100 540070		2025/6	1.04
				12421	CITY COUNCIL APPROVED 09/09/24	2205120 540070		2025/6	0.41
				12421	CITY COUNCIL APPROVED 09/09/24	2205305 540070		2025/6	0.31
				12421	CITY COUNCIL APPROVED 09/09/24	2205410 540070		2025/6	4.87
				12422	CITY COUNCIL APPROVED 09/09/24	2205100 540070		2025/6	1.55
				12422	CITY COUNCIL APPROVED 09/09/24	2205120 540070		2025/6	0.62
				12422	CITY COUNCIL APPROVED 09/09/24	2205305 540070		2025/6	0.47
				12422	CITY COUNCIL APPROVED 09/09/24	2205410 540070		2025/6	7.31
				12419	CITY COUNCIL APPROVED 09/09/24	2205100 540070		2025/6	1.04

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				12419	CITY COUNCIL APPROVED 09/09/24	2205120 540070		2025/6	0.41
				12419	CITY COUNCIL APPROVED 09/09/24	2205305 540070		2025/6	0.31
				12419	CITY COUNCIL APPROVED 09/09/24	2205410 540070		2025/6	4.87
				12475	CITY COUNCIL APPROVED 09/09/24	2205100 540070		2025/6	1.29
				12475	CITY COUNCIL APPROVED 09/09/24	2205120 540070		2025/6	0.52
				12475	CITY COUNCIL APPROVED 09/09/24	2205305 540070		2025/6	0.39
				12475	CITY COUNCIL APPROVED 09/09/24	2205410 540070		2025/6	6.09
				12428	CITY COUNCIL APPROVED 09/09/24	2205100 540070		2025/6	0.78
				12428	CITY COUNCIL APPROVED 09/09/24	2205120 540070		2025/6	0.31
				12428	CITY COUNCIL APPROVED 09/09/24	2205305 540070		2025/6	0.23
				12428	CITY COUNCIL APPROVED 09/09/24	2205410 540070		2025/6	3.65
				12429	CITY COUNCIL APPROVED 09/09/24	2205100 540070		2025/6	1.29
				12429	CITY COUNCIL APPROVED 09/09/24	2205120 540070		2025/6	0.52
				12429	CITY COUNCIL APPROVED 09/09/24	2205305 540070		2025/6	0.39
				12429	CITY COUNCIL APPROVED 09/09/24	2205410 540070		2025/6	6.09
				12430	CITY COUNCIL APPROVED 09/09/24	2205100 540070		2025/6	1.29
				12430	CITY COUNCIL APPROVED 09/09/24	2205120 540070		2025/6	0.52
				12430	CITY COUNCIL APPROVED 09/09/24	2205305 540070		2025/6	0.39
				12430	CITY COUNCIL APPROVED 09/09/24	2205410 540070		2025/6	6.09

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CHECK DATE	CHECK #	VENDOR	NAME	INVOICE	DESCRIPTION	G/L NUMBER	PROJECT	YEAR/PERIOD	AMOUNT
				12474	CITY COUNCIL APPROVED 09/09/24	2205100 540070		2025/6	0.78
				12474	CITY COUNCIL APPROVED 09/09/24	2205120 540070		2025/6	0.31
				12474	CITY COUNCIL APPROVED 09/09/24	2205305 540070		2025/6	0.23
				12474	CITY COUNCIL APPROVED 09/09/24	2205410 540070		2025/6	3.65
				12473	CITY COUNCIL APPROVED 09/09/24	2205100 540070		2025/6	1.55
				12473	CITY COUNCIL APPROVED 09/09/24	2205120 540070		2025/6	0.62
				12473	CITY COUNCIL APPROVED 09/09/24	2205305 540070		2025/6	0.47
				12473	CITY COUNCIL APPROVED 09/09/24	2205410 540070		2025/6	7.31
				12472	CITY COUNCIL APPROVED 09/09/24	2205100 540070		2025/6	1.55
				12472	CITY COUNCIL APPROVED 09/09/24	2205120 540070		2025/6	0.62
				12472	CITY COUNCIL APPROVED 09/09/24	2205305 540070		2025/6	0.47
				12472	CITY COUNCIL APPROVED 09/09/24	2205410 540070		2025/6	7.31
				12471	CITY COUNCIL APPROVED 09/09/24	2205100 540070		2025/6	1.55
				12471	CITY COUNCIL APPROVED 09/09/24	2205120 540070		2025/6	0.62
				12471	CITY COUNCIL APPROVED 09/09/24	2205305 540070		2025/6	0.47
				12471	CITY COUNCIL APPROVED 09/09/24	2205410 540070		2025/6	7.31
				12179	CITY COUNCIL APPROVED 09/09/24	2205100 540070		2025/6	1.30
				12179	CITY COUNCIL APPROVED 09/09/24	2205120 540070		2025/6	0.52
				12179	CITY COUNCIL APPROVED 09/09/24	2205305 540070		2025/6	0.39

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				12179	CITY COUNCIL APPROVED 09/09/24	2205410 540070		2025/6	6.09
				12182	CITY COUNCIL APPROVED 09/09/24	2205100 540070		2025/6	1.55
				12182	CITY COUNCIL APPROVED 09/09/24	2205120 540070		2025/6	0.62
				12182	CITY COUNCIL APPROVED 09/09/24	2205305 540070		2025/6	0.47
				12182	CITY COUNCIL APPROVED 09/09/24	2205410 540070		2025/6	7.31
				12183	CITY COUNCIL APPROVED 09/09/24	2205100 540070		2025/6	1.55
				12183	CITY COUNCIL APPROVED 09/09/24	2205120 540070		2025/6	0.62
				12183	CITY COUNCIL APPROVED 09/09/24	2205305 540070		2025/6	0.47
				12183	CITY COUNCIL APPROVED 09/09/24	2205410 540070		2025/6	7.31
				12185	CITY COUNCIL APPROVED 09/09/24	2205100 540070		2025/6	1.55
				12185	CITY COUNCIL APPROVED 09/09/24	2205120 540070		2025/6	0.62
				12185	CITY COUNCIL APPROVED 09/09/24	2205305 540070		2025/6	0.47
				12185	CITY COUNCIL APPROVED 09/09/24	2205410 540070		2025/6	7.31
				12241	CITY COUNCIL APPROVED 09/09/24	2205100 540070		2025/6	1.04
				12241	CITY COUNCIL APPROVED 09/09/24	2205120 540070		2025/6	0.41
				12241	CITY COUNCIL APPROVED 09/09/24	2205305 540070		2025/6	0.31
				12241	CITY COUNCIL APPROVED 09/09/24	2205410 540070		2025/6	4.87
				12246	CITY COUNCIL APPROVED 09/09/24	2205100 540070		2025/6	1.30
				12246	CITY COUNCIL APPROVED 09/09/24	2205120 540070		2025/6	0.52

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				12246	CITY COUNCIL APPROVED 09/09/24	2205305 540070		2025/6	0.39
				12246	CITY COUNCIL APPROVED 09/09/24	2205410 540070		2025/6	6.09
				12247	CITY COUNCIL APPROVED 09/09/24	2205100 540070		2025/6	1.30
				12247	CITY COUNCIL APPROVED 09/09/24	2205120 540070		2025/6	0.52
				12247	CITY COUNCIL APPROVED 09/09/24	2205305 540070		2025/6	0.39
				12247	CITY COUNCIL APPROVED 09/09/24	2205410 540070		2025/6	6.09
				12248	CITY COUNCIL APPROVED 09/09/24	2205100 540070		2025/6	1.30
				12248	CITY COUNCIL APPROVED 09/09/24	2205120 540070		2025/6	0.52
				12248	CITY COUNCIL APPROVED 09/09/24	2205305 540070		2025/6	0.39
				12248	CITY COUNCIL APPROVED 09/09/24	2205410 540070		2025/6	6.09
				12249	CITY COUNCIL APPROVED 09/09/24	2205100 540070		2025/6	1.29
				12249	CITY COUNCIL APPROVED 09/09/24	2205120 540070		2025/6	0.52
				12249	CITY COUNCIL APPROVED 09/09/24	2205305 540070		2025/6	0.39
				12249	CITY COUNCIL APPROVED 09/09/24	2205410 540070		2025/6	6.09
				12251	CITY COUNCIL APPROVED 09/09/24	2205100 540070		2025/6	1.30
				12251	CITY COUNCIL APPROVED 09/09/24	2205120 540070		2025/6	0.52
				12251	CITY COUNCIL APPROVED 09/09/24	2205305 540070		2025/6	0.39
				12251	CITY COUNCIL APPROVED 09/09/24	2205410 540070		2025/6	6.09
				12250	CITY COUNCIL APPROVED 09/09/24	2205100 540070		2025/6	1.68

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				12250	CITY COUNCIL APPROVED 09/09/24	2205120 540070		2025/6	0.67
				12250	CITY COUNCIL APPROVED 09/09/24	2205305 540070		2025/6	0.50
				12250	CITY COUNCIL APPROVED 09/09/24	2205410 540070		2025/6	7.91
				12252	CITY COUNCIL APPROVED 09/09/24	2205100 540070		2025/6	1.68
				12252	CITY COUNCIL APPROVED 09/09/24	2205120 540070		2025/6	0.67
				12252	CITY COUNCIL APPROVED 09/09/24	2205305 540070		2025/6	0.50
				12252	CITY COUNCIL APPROVED 09/09/24	2205410 540070		2025/6	7.91
				12254	CITY COUNCIL APPROVED 09/09/24	2205100 540070		2025/6	1.04
				12254	CITY COUNCIL APPROVED 09/09/24	2205120 540070		2025/6	0.41
				12254	CITY COUNCIL APPROVED 09/09/24	2205305 540070		2025/6	0.31
				12254	CITY COUNCIL APPROVED 09/09/24	2205410 540070		2025/6	4.87
				12253	CITY COUNCIL APPROVED 09/09/24	2205100 540070		2025/6	1.29
				12253	CITY COUNCIL APPROVED 09/09/24	2205120 540070		2025/6	0.52
				12253	CITY COUNCIL APPROVED 09/09/24	2205305 540070		2025/6	0.39
				12253	CITY COUNCIL APPROVED 09/09/24	2205410 540070		2025/6	6.09
						Total For Check # 324836			281.84
12/12/2024	324837	124 KIMS INTERNATIONAL		0148540-IN	BLANKET PO FOR MISC. FITTINGS	2205410 560230		2025/6	407.52
				0148568-IN	BLANKET PO FOR MISC. FITTINGS	2205410 560230		2025/6	407.52
				0148594-IN	BLANKET PO FOR MISC. FITTINGS	2205410 560230		2025/6	91.54

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CHECK DATE	CHECK #	VENDOR	NAME	INVOICE	DESCRIPTION	G/L NUMBER	PROJECT	YEAR/PERIOD	AMOUNT
						Total For Check #	324837		906.58
12/12/2024	324838	4351	LEE ENTERPRISES INC	500047709	500047709 12/02/2024	2205400 570150	WL23040	2025/6	361.67
				500047709	500047709 12/02/2024	2205415 570150	S.23070	2025/6	377.02
				500047709	500047709 12/02/2024	2205410 570160	2154250	2025/6	47.08
				500047709	500047709 12/02/2024	2205400 570160	WL23080	2025/6	356.34
12/12/2024	324840	131	LOCKE SUPPLY COMPANY	54153156-00	BLANKET PO FOR PLUMBING & ELECTRICAL SUPPLIES	2205120 560180		2025/6	1.00
				54151756-00	BLANKET PO FOR PLUMBING & ELECTRICAL SUPPLIES	2205406 560380		2025/6	24.46
				54191213-00	BLANKET PO FOR PLUMBING & ELECTRICAL SUPPLIES	2205120 570150	2551150	2025/6	27.66
				54201835-00	BLANKET PO FOR PLUMBING & ELECTRICAL SUPPLIES	2205120 570150	2551150	2025/6	47.25
				54200157-00	BLANKET PO FOR PLUMBING & ELECTRICAL SUPPLIES	2205120 570150	2551150	2025/6	197.42
12/12/2024	324842	5075	LUBEQUIP USA, LLC	16345	CITY COUNCIL APPROVED 06/18/24	2205120 570150	2451060	2025/6	64,279.06
12/12/2024	324843	545	MAGNUM CONSTRUCTION INC	2401.35-01	Raise sprinkler line for office build out	2205120 570150	2551150	2025/6	2,109.00
12/12/2024	324845	2632	MID AMERICAN RESEARCH CHEMICAL	0834983-IN	Chemicals	2205415 560210		2025/6	223.00
				0834983-IN	Chemicals	2205415 560340		2025/6	1,859.51
12/12/2024	324846	1592	MORTON SALT INC	5403211520	BLANKET PO FOR WTP SALT	2205405 560340		2025/6	9,014.64



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CHECK DATE	CHECK #	VENDOR	NAME	INVOICE	DESCRIPTION	G/L NUMBER	PROJECT	YEAR/PERIOD	AMOUNT
						Total For Check # 324846			9,014.64
12/12/2024	324848	25 NAPA AUTO PARTS		011138	PI20000X	2205400 560200		2025/6	303.71
				011140	BR930858	2205120 560200		2025/6	197.62
				011141	735300	2205305 560200		2025/6	51.00
				011141	735330	2205305 560200		2025/6	161.00
				011141	7823127	2205305 560200		2025/6	24.54
				011141	7823055	2205305 560200		2025/6	143.92
				011145	WWFBULK	2205120 560230		2025/6	1.39
				011156	46AWBULK	2205010 560210		2025/6	107.36
				011157	7099	2205120 560200		2025/6	5.21
				011157	6489	2205120 560200		2025/6	23.90
				011157	450198	2205120 560200		2025/6	77.43
				011157	550049485	2205120 560210		2025/6	6.51
				011157	550045144	2205120 560210		2025/6	18.32
				011158	3558527C1	2205010 560200		2025/6	53.64
				011158	3557936C1	2205010 560200		2025/6	69.92
				011161	S388BDM	2205010 560190		2025/6	325.10
				011161	205	2205010 560190		2025/6	26.67
				011162	2594129C2	2205010 560200		2025/6	72.86
				011165	483768	2205010 560200		2025/6	426.11
				011176	7143006	2205400 560200		2025/6	140.37
				011176		2205400 560200		2025/6	15.00
				011177	7194377	2205415 560200		2025/6	79.16
				011177	6675029	2205415 560200		2025/6	6.06
				011178	1372	2205305 560200		2025/6	4.15
				011178	4043	2205305 560200		2025/6	5.49
				011178	3243	2205305 560200		2025/6	8.31
				011178	9883	2205305 560200		2025/6	12.45

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CHECK DATE	CHECK #	VENDOR	NAME	INVOICE	DESCRIPTION	G/L NUMBER	PROJECT	YEAR/PERIOD	AMOUNT
				011178	5W20BULK	2205305 560210		2025/6	23.66
				011178	20811	2205305 560210		2025/6	23.61
				011178	115	2205305 560210		2025/6	14.44
				011201	S388BDM	2205010 560190		2025/6	325.10
				011201	205	2205010 560190		2025/6	26.67
				011210	1026	2205010 560210		2025/6	319.61
				011223	WWFBULK	2205120 560230		2025/6	1.39
				011224	BX5019320	2205010 560200		2025/6	-505.20
				011230	CA009562030	2205400 560200		2025/6	221.16
				011233	WWFBULK	2205120 560230		2025/6	1.39
				011239	VH1801283	2205403 560200		2025/6	118.27
				011246	S388BDM	2205010 560190		2025/6	325.10
				011246	205	2205010 560190		2025/6	26.67
				011247	F005391	2205400 560190		2025/6	604.44
				011248	388BDM	2205010 560190		2025/6	281.01
				011248	205	2205010 560190		2025/6	26.67
				011257	HDRTU1GAL	2205415 560210		2025/6	68.64
				011180	702494	2205120 560200		2025/6	39.20
				011180	7406	2205120 560200		2025/6	36.96
				011180	22012	2205120 560200		2025/6	70.42
				011180	2344127	2205120 560200		2025/6	70.58
				011180	2283979	2205120 560200		2025/6	64.76
				011180	05110	2205120 560200		2025/6	7.03
				011180	IC697	2205120 560200		2025/6	309.12
				011185	S388BDM	2205010 560190		2025/6	-325.10
				011185	205	2205010 560190		2025/6	-26.67
				011188	736104	2205400 560200		2025/6	226.50
				011188	849435PC	2205400 560200		2025/6	37.50

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CHECK DATE	CHECK #	VENDOR	NAME	INVOICE	DESCRIPTION	G/L NUMBER	PROJECT	YEAR/PERIOD	AMOUNT
				011188	849436PC	2205400 560200		2025/6	15.00
				011189	F244465UM	2205010 560190		2025/6	1,120.74
				011190	F000184	2205305 560190		2025/6	686.32
				011195	9837	2205415 560200		2025/6	631.06
				011195	9837	2205415 560200		2025/6	54.00
				011195	9837	2205415 560200		2025/6	-54.00
				011197	802744	2205010 560200		2025/6	0.01
				011197	1862X10	2205010 560200		2025/6	181.80
				011197	1119001	2205010 560200		2025/6	10.58
				80021841024	BLANKET ORDER FOR MISC AUTO PARTS	2205120 540280		2025/6	14,576.00
				011306	R19457	2205130 560210		2025/6	6.12
				011306	40510DAD	2205130 560210		2025/6	74.24
				011306	40510D	2205130 560210		2025/6	76.42
				011306	70064	2205130 560210		2025/6	31.48
				011306	70065	2205130 560210		2025/6	46.00
				011311	3096932	2205305 560210		2025/6	53.58
				011311	06133	2205305 560230		2025/6	6.81
				011311	7304046	2205305 560230		2025/6	2.84
				011311	7000	2205305 560230		2025/6	6.81
				011316	4579	2205415 560200		2025/6	6.97
				011316	7060	2205415 560200		2025/6	4.15
				011316	6930	2205415 560200		2025/6	22.28
				011316	112628	2205415 560210		2025/6	14.28
				011316	120760	2205415 560210		2025/6	34.99
				011325	F003159	2205410 560190		2025/6	1,087.20
				011325	205	2205410 560190		2025/6	53.34
				011326	538018010	2205010 560200		2025/6	133.73
				011326		2205010 560200		2025/6	9.80

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CHECK DATE	CHECK #	VENDOR	NAME	INVOICE	DESCRIPTION	G/L NUMBER	PROJECT	YEAR/PERIOD	AMOUNT
				011334	7502	2205010 560210		2025/6	4.15
				011334	20811	2205010 560210		2025/6	23.61
				011334	115	2205010 560210		2025/6	14.44
				011334	5W30BULK	2205010 560210		2025/6	30.48
				011334	WWFBULK	2205120 560230		2025/6	1.39
				011335	9848	2205415 560200		2025/6	195.23
				011335	9848	2205415 560200		2025/6	18.00
				011335	9848	2205415 560200		2025/6	-18.00
				011338	1026	2205010 560230		2025/6	247.44
				011340	388BDM	2205010 560190		2025/6	562.02
				011340	205	2205010 560190		2025/6	53.34
				011342	400068	2205120 560200		2025/6	5.52
				011342	3011	2205120 560200		2025/6	2.07
				011342	273080	2205120 560200		2025/6	133.44
				011342	702201	2205120 560200		2025/6	7.94
				011342	702282	2205120 560200		2025/6	4.09
				011342	550045144	2205120 560210		2025/6	18.32
				011347	032219	2205305 560200		2025/6	47.03
				011347	S769PMT86	2205305 560200		2025/6	23.28
				011350	9119746	2205400 560200		2025/6	356.01
				011428	1553	2205305 560200		2025/6	6.21
				011428	1731	2205305 560200		2025/6	66.53
				011429	400109	2205305 560200		2025/6	13.19
				011429	600064	2205305 560200		2025/6	11.30
				011429	7222791	2205305 560200		2025/6	22.21
				011429	7176099	2205305 560200		2025/6	44.66
				011429	6671	2205305 560200		2025/6	24.86
				011429	6672	2205305 560200		2025/6	18.19

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CHECK DATE	CHECK #	VENDOR	NAME	INVOICE	DESCRIPTION	G/L NUMBER	PROJECT	YEAR/PERIOD	AMOUNT
				011429	15W40BULK	2205305 560210		2025/6	43.08
				011432	WWFBULK	2205120 560230		2025/6	1.39
				011433	7082	2205404 560200		2025/6	5.21
				011433	5W30BULK	2205404 560210		2025/6	26.67
				011433	20811	2205404 560210		2025/6	23.61
				011433	115	2205404 560210		2025/6	14.44
				011433	WWFBULK	2205120 560230		2025/6	1.39
				011434	WWFBULK	2205120 560230		2025/6	1.39
				011435	WWFBULK	2205120 560230		2025/6	1.39
				011437	600064	2205305 560200		2025/6	-11.30
				011437	7400454	2205305 560200		2025/6	117.00
				011439	B121614A8	2205305 560200		2025/6	6.66
				011439	32015012	2205305 560200		2025/6	105.83
				011439	W12SSW	2205305 560200		2025/6	2.79
				011442	9837	2205415 560200		2025/6	946.59
				011442	9837	2205415 560200		2025/6	81.00
				011443	WWFBULK	2205120 560230		2025/6	1.39
				011447	388BDM	2205010 560190		2025/6	843.03
				011447	F003159	2205010 560190		2025/6	1,087.20
				011447	205	2205010 560190		2025/6	133.35
				011451	46AWBULK	2205415 560210		2025/6	97.60
				011452	85W140BULK	2205305 560210		2025/6	33.78
				011452	46AWBULK	2205305 560210		2025/6	39.04
				011453	800257	2205410 560200		2025/6	316.14
				011455	F244465	2205410 560190		2025/6	560.37
				011458	02929	2205400 560230		2025/6	164.44
						Total For Check # 324848			30,253.11
12/12/2024	324849			011143	27100	2205010 560230		2025/6	6.06

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CHECK DATE	CHECK #	VENDOR	NAME	INVOICE	DESCRIPTION	G/L NUMBER	PROJECT	YEAR/PERIOD	AMOUNT
				011146	789DEF	2205400 560210		2025/6	20.00
				011148	789DEF	2205403 560210		2025/6	20.00
				011149	90669	2205120 560230		2025/6	8.20
				011152	1372	2205120 560200		2025/6	4.15
				011152	9883	2205120 560200		2025/6	12.45
				011152	NPB22	2205120 560200		2025/6	15.60
				011152	5W30BULK	2205120 560210		2025/6	26.67
				011152	WWFBULK	2205120 560230		2025/6	1.39
				011163	NPF002	2205403 560210		2025/6	11.67
				011164	483131	2205404 560200		2025/6	60.00
				011168	NPF002	2205305 560210		2025/6	11.67
				011170	46AWBULK	2205010 560210		2025/6	68.32
				011204	HDRTU1GAL	2205410 560210		2025/6	17.16
				011209	9080XXL	2205120 560230		2025/6	15.56
				011211	8235075	2205403 560200		2025/6	11.27
				011212	NPF002	2205403 560210		2025/6	11.67
				011214	WWFBULK	2205120 560230		2025/6	1.39
				011215	920228	2205120 560200		2025/6	15.84
				011215	920445	2205120 560200		2025/6	-25.20
				011221	4800	2205120 560230		2025/6	6.42
				011222	9832	2205403 560210		2025/6	9.24
				011225	78004	2205100 560230		2025/6	5.66
				011225	19403	2205100 560230		2025/6	6.26
				011227	3011	2205410 560200		2025/6	2.07
				011227	1356	2205410 560200		2025/6	4.15
				011227	7083177	2205410 560200		2025/6	32.12
				011227	550049485	2205410 560210		2025/6	13.02
				011228	3096932	2205305 560210		2025/6	53.58

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CHECK DATE	CHECK #	VENDOR	NAME	INVOICE	DESCRIPTION	G/L NUMBER	PROJECT	YEAR/PERIOD	AMOUNT
				011234	E025IDW	2205120 560230		2025/6	11.98
				011238	46AWBULK	2205010 560210		2025/6	24.40
				011241	NPF002	2205403 560210		2025/6	11.67
				011244	7216	2205120 560230		2025/6	4.16
				011245	XTAUTO	2205305 560200		2025/6	44.42
				011249	702360	2205410 560200		2025/6	8.37
				011254	300A	2205400 560200		2025/6	33.76
				011254	00GAUGE	2205400 560200		2025/6	17.77
				011179	BKMAT1415UL	2205120 560230		2025/6	27.74
				011191	NPF002	2205410 560210		2025/6	23.34
				011192	HDRTU1GAL	2205010 560210		2025/6	51.48
				011193	4800	2205120 560230		2025/6	6.42
				011308	4800	2205120 560230		2025/6	6.42
				011312	10866	2205305 560210		2025/6	31.82
				011315	WWFBULK	2205120 560230		2025/6	1.39
				011321	20811	2205415 560210		2025/6	23.61
				011321	115	2205415 560210		2025/6	14.44
				011323	9080XL	2205120 560230		2025/6	15.56
				011328	0434903000	2205010 560200		2025/6	48.54
				011328	1119010	2205010 560200		2025/6	-14.06
				011329	4934280	2205010 560200		2025/6	7.28
				011331	4984382	2205010 560200		2025/6	8.48
				011332	8195673	2205403 560200		2025/6	-61.66
				011337	NPF002	2205400 560210		2025/6	11.67
				011339	HDATFBULK	2205010 560200		2025/6	67.34
				011341	7502	2205120 560200		2025/6	4.15
				011341	9883	2205120 560200		2025/6	12.45
				011341	5W20BULK	2205120 560210		2025/6	23.66



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CHECK DATE	CHECK #	VENDOR	NAME	INVOICE	DESCRIPTION	G/L NUMBER	PROJECT	YEAR/PERIOD	AMOUNT
				011341	WWFBULK	2205120 560230		2025/6	1.39
				011343	4800	2205120 560230		2025/6	6.42
				011344	0434903000	2205010 560200		2025/6	48.54
				011345	WWFBULK	2205120 560230		2025/6	1.39
				011346	7502	2205406 560200		2025/6	4.15
				011346	9883	2205406 560200		2025/6	12.45
				011346	5W20BULK	2205406 560210		2025/6	27.04
				011349	3157N	2205305 560200		2025/6	0.54
				011349	1026	2205305 560210		2025/6	10.31
				011427	NPF002	2205403 560210		2025/6	11.67
				011438	7060	2205200 560200		2025/6	4.15
				011438	2725	2205200 560200		2025/6	15.58
				011438	5W20BULK	2205200 560210		2025/6	30.42
				011438	WWFBULK	2205120 560230		2025/6	1.39
				011440	11050	2205120 560230		2025/6	10.00
				011441	85805	2205403 560210		2025/6	48.88
				011446	2413	2205120 560230		2025/6	5.00
				011456	3103015	2205010 560200		2025/6	6.92
						Total For Check # 324849			1,159.23
12/12/2024	324850			011144	4800	2205120 560230		2025/6	3.21
				011155	1372	2205120 560200		2025/6	-4.15
				011205	7701755	2205410 560200		2025/6	1.99
				011200	4800	2205120 560230		2025/6	3.21
				011430	4800	2205120 560230		2025/6	3.21
						Total For Check # 324850			7.47
12/12/2024	324851	4795 NATIONAL HIGHWAY PRODUCTS, INC		PS-INV122609	Traffic Cones	2205400 560230		2025/6	1,411.50
						Total For Check # 324851			1,411.50

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CHECK DATE	CHECK #	VENDOR	NAME	INVOICE	DESCRIPTION	G/L NUMBER	PROJECT	YEAR/PERIOD	AMOUNT
12/12/2024	324853	2375	NEWMAN REGENCY GROUP	39685B27814	Purafil	2205410 540070		2025/6	1,667.63
						Total For Check # 324853			1,667.63
12/12/2024	324854	4349	OKIE PACKAGING & INDUSTRIAL SUPPLIES	317179	PW STOCK	220 141000		2025/6	335.78
				317160	pw stock order	220 141000		2025/6	265.68
						Total For Check # 324854			601.46
12/12/2024	324860	4648	ONSOLVE INTERMEDIATE HOLDING COMPANY	15324400	15324400 OCT 22, 2024	2205415 540550		2025/6	2,926.17
				15324400	15324400 OCT 22, 2024	2205400 540550		2025/6	4,876.97
						Total For Check # 324860			7,803.14
12/12/2024	324862	96	OTA PIKEPASS CENTER	20241100105	20241100105 11/30/2024	2205100 550030		2025/6	1.35
				20241100105	20241100105 11/30/2024	2205120 550030		2025/6	11.30
				20241100105	20241100105 11/30/2024	2205010 550030		2025/6	1,002.68
				20241100105	20241100105 11/30/2024	2205200 550030		2025/6	24.15
				20241100105	20241100105 11/30/2024	2205205 550030		2025/6	8.95
				20241100105	20241100105 11/30/2024	2205210 550030		2025/6	2.40
				20241100105	20241100105 11/30/2024	2205305 550030		2025/6	66.81
				20241100105	20241100105 11/30/2024	2205400 550030		2025/6	19.76
				20241100105	20241100105 11/30/2024	2205403 550030		2025/6	29.40
				20241100105	20241100105 11/30/2024	2205406 550030		2025/6	9.00
				20241100105	20241100105 11/30/2024	2205410 550030		2025/6	347.98
				20241100105	20241100105 11/30/2024	2205415 550030		2025/6	11.55
						Total For Check # 324862			1,535.33
12/12/2024	324865	4826	POLAR BEAR JACK'S HOME SERVICES, LLC	4752	4752 12/05/2024	2205405 540070		2025/6	200.00
				4691	REPLACE LOUVERS ON 4 EXHAUST FANS AT WTP-HS BLDG	2205405 540070		2025/6	2,941.76
						Total For Check # 324865			3,141.76

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12/12/2024	324866	232	PREFERRED BUSINESS SYSTEMS	DC025741	DC025741 DEC 2024 LEASE	2205010 540330		2025/6	161.00
				DC025741	DC025741 DEC 2024 LEASE	2205406 540330		2025/6	99.00
					Total For Check # 324866				260.00
12/12/2024	324867	736	PENSKE COMMERCIAL VEHICLES US LLC	12580908	UNIT # 1780	2205403 540200		2025/6	11,244.34
					Total For Check # 324867				11,244.34
12/12/2024	324870	4298	PRO-LINE FENCE & GATE LLC	165	Fence	2205305 540280		2025/6	950.00
					Total For Check # 324870				950.00
12/12/2024	324871	1043	PROFESSIONAL ENGINEERING CONSULT.	533612	S.22060 prepare Construction Documents	2205415 570160	S.22060	2025/6	1,710.00
					Total For Check # 324871				1,710.00
12/12/2024	324876	844	RAM PRODUCTS INC	160265192	160265192 09/11/2024	2205120 560230		2025/6	486.58
					Total For Check # 324876				486.58
12/12/2024	324879	1612	RITZ/LONE STAR SAFETY & SUPPLY INC	6840841	PW STOCK ORDER	220 141000		2025/6	1,960.00
					Total For Check # 324879				1,960.00
12/12/2024	324880	2511	ROUTEWARE INC.	INV-036935	INV-036935 11/30/2024	2205010 550100		2025/6	2,531.25
					Total For Check # 324880				2,531.25
12/12/2024	324881	201	ROYAL PRINTING	65770	65770 11/26/2024	2201700 550890	2517160	2025/6	149.25
					Total For Check # 324881				149.25
12/12/2024	324882	1725	RUSH TRUCK CENTERS OF OKLAHOMA INC	3038381411	Diagnose Engine issues-Unit #2206	2205125 540200		2025/5	785.44
					Total For Check # 324882				785.44
12/12/2024	324883	84	SAF T GLOVE INC	1024029-01	PW STOCK	220 141000		2025/6	246.72
					Total For Check # 324883				246.72



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12/12/2024	324886	1586	SIGN SOLUTIONS	5378	LABOR TO INSTALL NEW WRAP ON UNIT 0312	2205100 540200		2025/6	2,450.00
					Total For Check # 324886				2,450.00
12/12/2024	324887	925	SOUTH EAST AUTO TRIM INC.	61164	unit 1528	2205406 540200		2025/6	1,000.00
					Total For Check # 324887				1,000.00
12/12/2024	324889	268	SOUTHERN TIRE MART	3500246845	unit # 1940	2205403 540200		2025/6	498.55
					Total For Check # 324889				498.55
12/12/2024	324894	4239	SYN-TECH SYSTEMS INC	301013	AIM KITS FOR FLEET & BM VEHICLES	2205115 560240		2025/6	2,895.38
				301013	AIM KITS FOR FLEET & BM VEHICLES	2205120 560240		2025/6	7,925.62
				303175	AIM KITS FOR FLEET & BM VEHICLES	2205120 560240		2025/6	-6,447.60
				306267	NOZZLE TAGS FOR AIM KIT SYSTEM	2205120 560230		2025/6	324.00
					Total For Check # 324894				4,697.40
12/12/2024	324896	5109	THE CHARLES MACHINE WORKS, INC.	93536965	CITY COUNCIL APPROVED 09/05/23	2205400 570030	2454350	2025/6	86,918.95
					Total For Check # 324896				86,918.95
12/12/2024	324897	3636	TIMBER WOLF EXCAVATING LLC	PA 1 TS24070	Prj WL23050 - Florence & Haikey Creek Sewer & WL	2205400 570150	WL23050	2025/6	707,748.48
					Total For Check # 324897				707,748.48
12/12/2024	324899	1089	TRANE COMPANY	315041703	315041703 12/05/2024	2205405 540070		2025/6	2,270.50
					Total For Check # 324899				2,270.50
12/12/2024	324901	1230	TULSA COUNTY ADMINISTRATIVE SVCS	10011815	DAILY WORKSHEETS	2205415 550360		2025/6	92.64
					Total For Check # 324901				92.64
12/12/2024	324903	3096	TULSA RECYCLE & TRANSFER	2411BA	2411BA 12/04/2024	2205010 540350		2025/6	24,139.06



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Total For Check # 324903								24,139.06
12/12/2024	324904	5223 TULSA SOD & MULCH, INC.	12284	SOD FOR YARD RESTORATION	2205400 560800		2025/6	300.00
			12291	12291 12/06/2024	2205400 560800		2025/6	150.00
Total For Check # 324904								450.00
12/12/2024	324906	4962 TULSA WINWATER CO.	031417 01	RINGS AND LIDS FOR NEW CONSTRUCTION	220 141000		2025/6	3,656.25
Total For Check # 324906								3,656.25
12/12/2024	324907	1808 TULSA'S GREEN COUNTRY STAFFING	107228	107228 12/06/2024	2205010 550370		2025/6	12,254.54
			107227	TEMP SERVICES FOR FLEET MAINTENANCE DIVISION	2205120 550370		2025/6	728.96
			107226	TEMP EMPLOYEE BUILDING MAINTENANCE	2205115 550370		2025/6	522.24
Total For Check # 324907								13,505.74
12/12/2024	324908	1496 TWIN CITIES READY MIX INC	295598	BLANKET PO FOR CONCRETE	2205400 560270		2025/6	150.00
			295597	BLANKET PO FOR CONCRETE	2205400 560270		2025/6	975.00
			295506	BLANKET PO FOR CONCRETE	2205305 560270		2025/6	1,350.00
			295261	BLANKET PO FOR CONCRETE	2205305 560270		2025/6	145.00
			295705	BLANKET PO FOR CONCRETE	2205400 560270		2025/6	300.00
			295789	BLANKET PO FOR CONCRETE	2205305 560270		2025/6	474.00
			295788	BLANKET PO FOR CONCRETE	2205400 560270		2025/6	2,400.00
			295871	BLANKET PO FOR CONCRETE	2205305 560270		2025/6	1,665.00
			295350	BLANKET PO FOR CONCRETE	2205400 570150	WL23040	2025/6	652.50

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				295260	BLANKET PO FOR CONCRETE	2205305 560270		2025/6	542.50
				295787	BLANKET PO FOR CONCRETE	2205305 560270		2025/6	1,240.00
				295414	BLANKET PO FOR CONCRETE	2205400 560270		2025/6	1,450.00
				295414	BLANKET PO FOR CONCRETE	2205400 570150	WL23040	2025/6	942.50
				295263	BLANKET PO FOR CONCRETE	2205400 560270		2025/6	2,464.50
					Total For Check # 324908				14,751.00
12/12/2024	324909	4365 UNICARE BUILDING MAINTENANCE INC		COBA2411001	CITY COUNCIL APPROVED 06/17/24	2201700 540280		2025/6	1,072.27
				COBA2411002	CITY COUNCIL APPROVED 06/17/24	2201700 540280		2025/6	316.14
					Total For Check # 324909				1,388.41
12/12/2024	324911	744 UNITED RENTALS, INC		241540907-001	BLANKET PO FOR MISC RENTALS	2205415 560230		2025/6	932.94
				241558967-001	BLANKET PO FOR MISC RENTALS	2205415 560230		2025/6	1,725.00
				241590229-002	PUMP FOR WORK DONE AT LIFT STATION	2205415 540320		2025/6	2,186.54
					Total For Check # 324911				4,844.48
12/12/2024	324912	3262 HD SUPPLY, INC		INV00541170	Laboratory supplies	2205410 560340		2025/6	613.15
				INV00542936	Full Face Respirators	2205410 560310		2025/6	1,169.53
					Total For Check # 324912				1,782.68
12/12/2024	324913	44 UTILITY SUPPLY		202120	(URGENT) PW STOCK ORDER	220 141000		2025/6	4,448.88
				202121	(URGENT) PW STOCK ORDER	220 141000		2025/6	2,687.77
				202213	PRESSURE MONITORS FOR WATER DISTRIBUTION	2205400 560230		2025/6	585.00

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				202543	(URGENT) PW STOCK ORDER	220 141000		2025/6	13,855.26
				202541	(URGENT) PW STOCK ORDER	220 141000		2025/6	1,018.64
				195342	PARTS FOR WATER LINE REPAIR	2205400 560400		2025/6	782.00
				201304	CLAMPS FOR TRAVIS-URGENT	2205400 560400		2025/6	784.00
					Total For Check #	324913			24,161.55
12/12/2024	324914	2952	VINSON PROCESS CONTROLS CO	90978666	Solenoid Valves	2205410 560450		2025/6	2,434.63
					Total For Check #	324914			2,434.63
12/12/2024	324918	26	WHITE STAR MACHINERY & SUPPLY	07337252	12" BUCKET FOR BOBCAT 60 SERIES EXCAVATOR	2205403 560240		2025/6	1,280.00
					Total For Check #	324918			1,280.00
12/12/2024	324919	1095	WINDSTREAM	101124486 12022024	101124486 DEC 2, 2024 918-251-3383	2205100 550220		2025/6	118.41
					Total For Check #	324919			118.41
12/19/2024	324921	856	AMERICAN FIDELITY ASSURANCE CO.	142225	Payroll Run 1 - Warrant 241122	220 218420		2025/6	329.72
				142225	Payroll Run 1 - Warrant 241122	220 218430		2025/6	16.50
					Total For Check #	324921			346.22
12/19/2024	324922	4904	AMERITAS LIFE INSURANCE CORP.	142231	Payroll Run 1 - Warrant 241122	220 218240		2025/6	3,453.44
					Total For Check #	324922			3,453.44
12/19/2024	324924	4633	COLONIAL LIFE & ACCIDENT INSURANCE COMPANY	142230	Payroll Run 1 - Warrant 241122	220 218590		2025/6	3,027.00
					Total For Check #	324924			3,027.00
12/19/2024	324925	1319	COMMUNITY CARE EAP	142227	Payroll Run 1 - Warrant 241122	220 218560		2025/6	239.20
					Total For Check #	324925			239.20

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12/19/2024	324928	1550	GENESIS HEALTH CLUBS	142228	Payroll Run 1 - Warrant 241122	220 218150		2025/6	639.30
						Total For Check # 324928			639.30
12/19/2024	324930	159	PRE-PAID LEGAL SERVICES, INC.	142223	Payroll Run 1 - Warrant 241122	220 218100		2025/6	366.75
						Total For Check # 324930			366.75
12/19/2024	324932	4905	METROPOLITAN LIFE INSURANCE COMPANY	142232	Payroll Run 1 - Warrant 241122	220 218340		2025/6	3,983.73
				142232	Payroll Run 1 - Warrant 241122	220 218480		2025/6	4,641.13
				142232	Payroll Run 1 - Warrant 241122	220 218590		2025/6	1,172.38
						Total For Check # 324932			9,797.24
12/19/2024	324935	999900	OTP - AR REFUNDS	144364		220 229050		2025/6	1,196.08
						Total For Check # 324935			1,196.08
12/19/2024	324936			144365		220 229050		2025/6	1,500.00
						Total For Check # 324936			1,500.00
12/19/2024	324942	999905	OTP - TORT CLAIMS	TRT1582.2025	SPRINKLER DAMAGED DURING COBA MAINT PRJ-STORMWATER	2201700 550090		2025/6	894.50
						Total For Check # 324942			894.50
12/19/2024	324943	999903	OTP - UB REFUNDS	144011		220 150807		2025/6	28.62
						Total For Check # 324943			28.62
12/19/2024	324944			143999		220 150807		2025/6	238.96
						Total For Check # 324944			238.96
12/19/2024	324945			144005		220 150807		2025/6	105.35
						Total For Check # 324945			105.35
12/19/2024	324946			144009		220 150807		2025/6	148.56

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						Total For Check # 324946			148.56
12/19/2024	324947			144007		220 150807		2025/6	19.66
						Total For Check # 324947			19.66
12/19/2024	324948			144004		220 150807		2025/6	14.69
						Total For Check # 324948			14.69
12/19/2024	324949			144000		220 150807		2025/6	4.26
						Total For Check # 324949			4.26
12/19/2024	324950			144002		220 150807		2025/6	100.00
						Total For Check # 324950			100.00
12/19/2024	324951			144003		220 150807		2025/6	70.07
						Total For Check # 324951			70.07
12/19/2024	324952			144006		220 150807		2025/6	68.76
						Total For Check # 324952			68.76
12/19/2024	324953			144001		220 150807		2025/6	82.21
						Total For Check # 324953			82.21
12/19/2024	324954			144008		220 150807		2025/6	64.36
						Total For Check # 324954			64.36
12/19/2024	324955			144010		220 150807		2025/6	27.65
						Total For Check # 324955			27.65
12/19/2024	324957	1987 SURENCY LIFE & HEALTH INS. CO.		142229	Payroll Run 1 - Warrant 241122	220 218460		2025/6	185.25
						Total For Check # 324957			185.25
12/19/2024	324960	5216 918 WRECKER SERVICE INC.		24-256696	TOW SERVICE UNIT 2047 WATER DEPT	2205120 540200		2025/6	160.00

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				24-256563	TOW SERVICE UNIT 1117 WATER DEPARTMENT	2205400 540200		2025/6	160.00
					Total For Check # 324960				320.00
12/19/2024	324962	4919 ADEMCO INC.		ZK4LGQ02	ZK4LGQ02 DEC 9, 2024	2205405 560450		2025/6	363.72
					Total For Check # 324962				363.72
12/19/2024	324963	489 ADMIRAL EXPRESS LLC		204632-S	SUPPLIES	2205205 560030		2025/6	80.33
				204682-S	SUPPLIES	2205205 560030		2025/6	143.69
				204455-S	SUPPLIES	2205405 560030		2025/6	80.34
					Total For Check # 324963				304.36
12/19/2024	324964	149 AMERICAN ELECTRIC POWER/PSO		050-621-1-9 12062024	953-050-621-1-9 DEC 6 2024 1424 N 70TH ST	2205415 550250		2025/6	100.58
				821-338-0-4 12/3/24	958-821-338-0-4 DEC 3, 2024	2205405 550250		2025/6	46,332.94
				896-715-2-1 12062024	952-896-715-2-1 DEC 6 2024 25100 E 71ST ST	2205406 550250		2025/6	23.88
					Total For Check # 324964				46,457.40
12/19/2024	324965	4918 AIRGAS, INC		9156368566	BLANKET PO WELDING MATERIAL	2205410 560230		2025/6	44.55
					Total For Check # 324965				44.55
12/19/2024	324966	1670 ALAN PLUMMER ASSOCIATES INC		59604	Oak Crest Sanitary Sewer S.23070	2205415 570160	S.23070	2025/6	2,500.00
					Total For Check # 324966				2,500.00
12/19/2024	324967	4935 AMAZON.COM SALES INC		1VJC-7L63-43FY	BLANKET PO	2205130 560030		2025/6	137.22
				144N-DKC9-9MPY	BLANKET PO	2205115 560180		2025/6	64.95
				1JJD-KDHJ-L1TY	BLANKET PO	2205130 560030		2025/6	47.25
				1VJX-JXQP-HXHT	BLANKET PO	2205130 560030		2025/6	239.98
					Total For Check # 324967				489.40
12/19/2024	324968	1465 AMERICAN WASTE CONTROL		0007228310	0007228310 DEC 1, 2024	2205405 540320		2025/6	60.00

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						Total For Check # 324968			60.00
12/19/2024	324971	4846	APAC-CENTRAL, INC.	7002168069	BLANKET PO FOR AGGREGATE	2205305 560270		2025/6	3,483.14
				7002168091	BLANKET PO FOR AGGREGATE	2205305 560270		2025/6	224.84
				7002168165	BLANKET PO FOR ASPHALT	2205400 570150	WL23040	2025/6	372.15
						Total For Check # 324971			4,080.13
12/19/2024	324972	1468	ARLEDGE & ASSOCIATES, P.C.	48472	48472 FY 24 AUDIT	2201503 530810		2025/6	24,675.00
						Total For Check # 324972			24,675.00
12/19/2024	324974	945	AYS LLC	284664	284664 OCT 16, 2024	2205403 540280		2025/6	108.00
				287177	PORTABLES	2205403 540280		2025/6	108.00
						Total For Check # 324974			216.00
12/19/2024	324988	3	BRENNTAG SOUTHWEST INC	BSW593018	BLANKET PO - CHLORINE	2205405 560340		2025/6	7,465.32
						Total For Check # 324988			7,465.32
12/19/2024	324989	20	BROKEN ARROW LAWN & GARDEN	112018	SMALL ENGINE PARTS	2205415 540290		2025/6	152.73
				112590	SMALL ENGINE PARTS	2205403 560240		2025/6	235.00
						Total For Check # 324989			387.73
12/19/2024	324991	546	C H GUERNSEY & COMPANY	144946	Melinda Park Northside Basin. Approved on 11/4/22.	2205415 570160	S.23030	2025/6	2,250.00
						Total For Check # 324991			2,250.00
12/19/2024	324992	4277	CANDOR BUILDING SOLUTIONS LLC	2410FCBA-01	Buildout at fleet	2205120 570150	2551150	2025/6	49,647.00
						Total For Check # 324992			49,647.00
12/19/2024	324993	2083	CHEMTRADE CHEMICALS US LLC	90179354	BLANKET PO FOR LIQUID AMMONIUM SULFATE	2205405 560340		2025/6	15,953.00

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Total For Check # 324993									15,953.00
12/19/2024	324994	1436	CHEROKEE PRIDE CONST. INC.	PA 2 2154330	Old Adams Creek LS FEB Improvements	2205410 570150	2154330	2025/6	507,000.79
Total For Check # 324994									507,000.79
12/19/2024	324996	37	CINTAS CORPORATION	5244381402	BLANKET PO FOR MEDICAL SUPPLIES	2205410 560230		2025/6	46.11
Total For Check # 324996									46.11
12/19/2024	324997	996	CITY OF BROKEN ARROW	142226	Payroll Run 1 - Warrant 241122	220 218180		2025/6	1,666.72
				142226	Payroll Run 1 - Warrant 241122	220 218360		2025/6	7,165.30
Total For Check # 324997									8,832.02
12/19/2024	324998	1391	CLEAN THE UNIFORM CO OKLAHOMA	52109407	52109407 DEC 6, 2024	2205405 540310		2025/6	50.37
				52109407	52109407 DEC 6, 2024	2205405 540330		2025/6	17.88
				52106698	MATS	2205100 540330		2025/6	3.92
				52111140	MATS FOR OPERATIONS	2205100 540330		2025/6	3.92
				52108927	MATS	2205100 540330		2025/6	3.92
				52110536	UNIFORM SERVICE	2205410 540310		2025/6	31.92
				52110536	UNIFORM SERVICE	2205410 540330		2025/6	10.95
Total For Check # 324998									122.88
12/19/2024	324999	3832	CLOSED LOOP FUND	954	DEC INVOICE	2205010 584010		2025/6	30,952.38
				955	DEC INVOICE	2205010 584010		2025/6	14,925.37
Total For Check # 324999									45,877.75
12/19/2024	325000	4393	CLOUDPOINT GEOSPATIAL INC	INV 4170	Monthly Managed Services	2201205 530870		2025/6	7,250.00
Total For Check # 325000									7,250.00
12/19/2024	325002	1270	CORE & MAIN	W005009	PW STOCK ORDER	220 141000		2025/6	2,130.75

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						Total For Check # 325002			2,130.75
12/19/2024	325003	3547 COVE ENVIRONMENTAL LLC		93-10-24	LAB SERVICES OK0040053	2205410 530340		2025/6	1,085.00
						Total For Check # 325003			1,085.00
12/19/2024	325006	4736 DUSTIN MANLY		2908	Fire alarm for new fleet pm building	2205120 570150	2551150	2025/6	7,744.00
				10000076	FIRE EXTINGUISHER	2205410 540070		2025/6	110.00
				2707	FIRE INSPECTION	2205410 540070		2025/6	103.50
						Total For Check # 325006			7,957.50
12/19/2024	325008	193 FASTENAL COMPANY		OKTUL264081	BLANKET PO FOR MISC SUPPLIES	2205410 560230		2025/6	61.18
						Total For Check # 325008			61.18
12/19/2024	325010	66 FERGUSON WATERWORKS #1895		0768633	REQ BY CHRIS HOUCK -WL BREAKS	2205400 560400		2025/6	43.89
				0768593	REQ BY CHRIS HOUCK -WL BREAKS	2205400 560400		2025/6	247.15
						Total For Check # 325010			291.04
12/19/2024	325011	1231 AT&T MOBILITY LLC		19339297X12082024	287319339297X12082024 NOV 30 2024	2205010 550540		2025/6	89.52
				19339297X12082024	287319339297X12082024 NOV 30 2024	2205405 550540		2025/6	126.59
				19339297X12082024	287319339297X12082024 NOV 30 2024	2205415 550540		2025/6	40.04
				19339297X12082024	287319339297X12082024 NOV 30 2024	2205210 550540		2025/6	51.85
				19339297X12082024	287319339297X12082024 NOV 30 2024	2205400 560240		2025/6	40.04
				19339297X12082024	287319339297X12082024 NOV 30 2024	2205415 560240		2025/6	40.04
				19339297X12082024	287319339297X12082024 NOV 30 2024	2205305 560240		2025/6	40.40
				19339297X12082024	287319339297X12082024 NOV 30 2024	2205305 560240		2025/6	40.04
				19339297X12082024	287319339297X12082024 NOV 30 2024	2205305 560240		2025/6	40.40
						Total For Check # 325011			508.92
12/19/2024	325012			19128175X12082024	287319128175X12082024 NOV 30 2024	2205115 550220		2025/6	18.84

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				19128175X12082024	287319128175X12082024 NOV 30 2024	2205120 550220		2025/6	140.43
				19128175X12082024	287319128175X12082024 NOV 30 2024	2205010 550220		2025/6	97.07
				19128175X12082024	287319128175X12082024 NOV 30 2024	2205200 550220		2025/6	150.51
				19128175X12082024	287319128175X12082024 NOV 30 2024	2205205 550220		2025/6	46.81
				19128175X12082024	287319128175X12082024 NOV 30 2024	2205210 550220		2025/6	51.85
				19128175X12082024	287319128175X12082024 NOV 30 2024	2205400 550220		2025/6	37.28
				19128175X12082024	287319128175X12082024 NOV 30 2024	2205405 550220		2025/6	46.81
				19128175X12082024	287319128175X12082024 NOV 30 2024	2205410 550220		2025/6	80.52
				19128175X12082024	287319128175X12082024 NOV 30 2024	2205415 550220		2025/6	37.28
				19128175X12082024	287319128175X12082024 NOV 30 2024	2201205 550540		2025/6	123.70
				19128175X12082024	287319128175X12082024 NOV 30 2024	2205115 550540		2025/6	194.34
				19128175X12082024	287319128175X12082024 NOV 30 2024	2205010 550540		2025/6	262.12
				19128175X12082024	287319128175X12082024 NOV 30 2024	2205130 550540		2025/6	40.04
				19128175X12082024	287319128175X12082024 NOV 30 2024	2205200 550540		2025/6	361.88
				19128175X12082024	287319128175X12082024 NOV 30 2024	2205205 550540		2025/6	163.44
				19128175X12082024	287319128175X12082024 NOV 30 2024	2205210 550540		2025/6	40.04
				19128175X12082024	287319128175X12082024 NOV 30 2024	2205305 550540		2025/6	64.78
				19128175X12082024	287319128175X12082024 NOV 30 2024	2205400 550540		2025/6	1,472.90
				19128175X12082024	287319128175X12082024 NOV 30 2024	2205401 550540		2025/6	49.48
				19128175X12082024	287319128175X12082024 NOV 30 2024	2205404 550540		2025/6	80.08
				19128175X12082024	287319128175X12082024 NOV 30 2024	2205405 550540		2025/6	40.04
				19128175X12082024	287319128175X12082024 NOV 30 2024	2205406 550540		2025/6	1,290.92
				19128175X12082024	287319128175X12082024 NOV 30 2024	2205410 550540		2025/6	24.74
				19128175X12082024	287319128175X12082024 NOV 30 2024	2205415 550540		2025/6	1,234.83
				19128175X12082024	287319128175X12082024 NOV 30 2024	2201700 560240		2025/6	160.16
				19128175X12082024	287319128175X12082024 NOV 30 2024	2205305 560240		2025/6	280.28
Total For Check # 325012									6,591.17
12/19/2024	325013	5004 FW FLEET CLEAN, LLC		FC2829648	BLANKET PO FOR TRUCK WASHING	2205010 550100		2025/6	690.00



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Total For Check # 325013									690.00
12/19/2024	325014	2364	FLUID SPECIALTIES	00605944	21999-0256 SUBURBAN 120 SERIES - 1" NPT 3 STAGE	2205405 560450		2025/6	1,936.99
Total For Check # 325014									1,936.99
12/19/2024	325015	674	GARVER ENGINEERS	20W02210-40	110454	2205415 570160	S.1905	2025/6	186.00
Total For Check # 325015									186.00
12/19/2024	325016	153	GELLCO UNIFORMS & SHOES INC	00293525	BLANKET PO FOR SAFETY SHOES	2205403 560100		2025/6	227.98
				00293524	BLANKET PO FOR SAFETY SHOES	2205403 560100		2025/6	221.98
				00293482	BLANKET PO FOR SAFETY SHOES	2205305 560100		2025/6	221.38
Total For Check # 325016									671.34
12/19/2024	325020	76	GRAINGER	9343887064	2RFC6 Pressure Gauge,0 to 100 psi,4-1/2In Manufac	2205405 560230		2025/6	413.79
Total For Check # 325020									413.79
12/19/2024	325021	969	GREENHILL MATERIALS	265640	PRIMARY BLANKET FOR 8" SURGE ROCK	2205305 560270		2025/6	598.70
Total For Check # 325021									598.70
12/19/2024	325022	106	HACH COMPANY	14241717	BLANKET PO CHEM/LAB SUPPLIES	2205403 560340		2025/6	1,442.91
Total For Check # 325022									1,442.91
12/19/2024	325023	369	HAYNES EQUIPMENT CO	INV8130675	INV8130675 NOV 19, 2024	2205410 570150	2154330	2025/6	9,845.00
Total For Check # 325023									9,845.00
12/19/2024	325028	2337	ICM OF AMERICA INC	060540	PW STOCK	220 141000		2025/6	1,013.95
				063937	repair dewalt grinder- Andrew W	2205415 540290		2025/6	179.29

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						Total For Check # 325028			1,193.24
12/19/2024	325030	5226 INTELLECTIX CORPORATION		1505	VBA TRANSCRIPTION FOR SEPT AND OCT	2201700 530870		2025/6	127.50
						Total For Check # 325030			127.50
12/19/2024	325034	5131 KEVIN BEHE		12479	CITY COUNCIL APPROVED 09/09/24	2205100 540070		2025/6	1.68
				12479	CITY COUNCIL APPROVED 09/09/24	2205120 540070		2025/6	0.67
				12479	CITY COUNCIL APPROVED 09/09/24	2205305 540070		2025/6	0.50
				12479	CITY COUNCIL APPROVED 09/09/24	2205410 540070		2025/6	7.91
				12478	CITY COUNCIL APPROVED 09/09/24	2205100 540070		2025/6	1.30
				12478	CITY COUNCIL APPROVED 09/09/24	2205120 540070		2025/6	0.52
				12478	CITY COUNCIL APPROVED 09/09/24	2205305 540070		2025/6	0.39
				12478	CITY COUNCIL APPROVED 09/09/24	2205410 540070		2025/6	6.09
				12480	CITY COUNCIL APPROVED 09/09/24	2205100 540070		2025/6	1.68
				12480	CITY COUNCIL APPROVED 09/09/24	2205120 540070		2025/6	0.67
				12480	CITY COUNCIL APPROVED 09/09/24	2205305 540070		2025/6	0.50
				12480	CITY COUNCIL APPROVED 09/09/24	2205410 540070		2025/6	7.91
				12483	CITY COUNCIL APPROVED 09/09/24	2205100 540070		2025/6	1.30
				12483	CITY COUNCIL APPROVED 09/09/24	2205120 540070		2025/6	0.52
				12483	CITY COUNCIL APPROVED 09/09/24	2205305 540070		2025/6	0.39
				12483	CITY COUNCIL APPROVED 09/09/24	2205410 540070		2025/6	6.09

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				12484	CITY COUNCIL APPROVED 09/09/24	2205100 540070		2025/6	1.30
				12484	CITY COUNCIL APPROVED 09/09/24	2205120 540070		2025/6	0.52
				12484	CITY COUNCIL APPROVED 09/09/24	2205305 540070		2025/6	0.39
				12484	CITY COUNCIL APPROVED 09/09/24	2205410 540070		2025/6	6.09
				12482	CITY COUNCIL APPROVED 09/09/24	2205100 540070		2025/6	1.29
				12482	CITY COUNCIL APPROVED 09/09/24	2205120 540070		2025/6	0.52
				12482	CITY COUNCIL APPROVED 09/09/24	2205305 540070		2025/6	0.39
				12482	CITY COUNCIL APPROVED 09/09/24	2205410 540070		2025/6	6.09
				12481	CITY COUNCIL APPROVED 09/09/24	2205100 540070		2025/6	1.30
				12481	CITY COUNCIL APPROVED 09/09/24	2205120 540070		2025/6	0.52
				12481	CITY COUNCIL APPROVED 09/09/24	2205305 540070		2025/6	0.39
				12481	CITY COUNCIL APPROVED 09/09/24	2205410 540070		2025/6	6.09
				12485	CITY COUNCIL APPROVED 09/09/24	2205100 540070		2025/6	1.29
				12485	CITY COUNCIL APPROVED 09/09/24	2205120 540070		2025/6	0.52
				12485	CITY COUNCIL APPROVED 09/09/24	2205305 540070		2025/6	0.39
				12485	CITY COUNCIL APPROVED 09/09/24	2205410 540070		2025/6	6.09
				12507	CITY COUNCIL APPROVED 09/09/24	2205100 540070		2025/6	1.04
				12507	CITY COUNCIL APPROVED 09/09/24	2205120 540070		2025/6	0.41
				12507	CITY COUNCIL APPROVED 09/09/24	2205305 540070		2025/6	0.31

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CHECK DATE	CHECK #	VENDOR	NAME	INVOICE	DESCRIPTION	G/L NUMBER	PROJECT	YEAR/PERIOD	AMOUNT
				12507	CITY COUNCIL APPROVED 09/09/24	2205410 540070		2025/6	4.87
				12508	CITY COUNCIL APPROVED 09/09/24	2205100 540070		2025/6	2.07
				12508	CITY COUNCIL APPROVED 09/09/24	2205120 540070		2025/6	0.83
				12508	CITY COUNCIL APPROVED 09/09/24	2205305 540070		2025/6	0.62
				12508	CITY COUNCIL APPROVED 09/09/24	2205410 540070		2025/6	9.74
				12442	CITY COUNCIL APPROVED 09/09/24	2205100 540070		2025/6	1.04
				12442	CITY COUNCIL APPROVED 09/09/24	2205120 540070		2025/6	0.41
				12442	CITY COUNCIL APPROVED 09/09/24	2205305 540070		2025/6	0.31
				12442	CITY COUNCIL APPROVED 09/09/24	2205410 540070		2025/6	4.87
				12443	CITY COUNCIL APPROVED 09/09/24	2205100 540070		2025/6	1.29
				12443	CITY COUNCIL APPROVED 09/09/24	2205120 540070		2025/6	0.52
				12443	CITY COUNCIL APPROVED 09/09/24	2205305 540070		2025/6	0.39
				12443	CITY COUNCIL APPROVED 09/09/24	2205410 540070		2025/6	6.09
				12477	CITY COUNCIL APPROVED 09/09/24	2205100 540070		2025/6	1.04
				12477	CITY COUNCIL APPROVED 09/09/24	2205120 540070		2025/6	0.41
				12477	CITY COUNCIL APPROVED 09/09/24	2205305 540070		2025/6	0.31
				12477	CITY COUNCIL APPROVED 09/09/24	2205410 540070		2025/6	4.87
				12498	CITY COUNCIL APPROVED 09/09/24	2205100 540070		2025/6	1.29
				12498	CITY COUNCIL APPROVED 09/09/24	2205120 540070		2025/6	0.52

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CHECK DATE	CHECK #	VENDOR	NAME	INVOICE	DESCRIPTION	G/L NUMBER	PROJECT	YEAR/PERIOD	AMOUNT
				12498	CITY COUNCIL APPROVED 09/09/24	2205305 540070		2025/6	0.39
				12498	CITY COUNCIL APPROVED 09/09/24	2205410 540070		2025/6	6.09
				12446	CITY COUNCIL APPROVED 09/09/24	2205100 540070		2025/6	1.04
				12446	CITY COUNCIL APPROVED 09/09/24	2205120 540070		2025/6	0.41
				12446	CITY COUNCIL APPROVED 09/09/24	2205305 540070		2025/6	0.31
				12446	CITY COUNCIL APPROVED 09/09/24	2205410 540070		2025/6	4.87
				12444	CITY COUNCIL APPROVED 09/09/24	2205100 540070		2025/6	1.04
				12444	CITY COUNCIL APPROVED 09/09/24	2205120 540070		2025/6	0.41
				12444	CITY COUNCIL APPROVED 09/09/24	2205305 540070		2025/6	0.31
				12444	CITY COUNCIL APPROVED 09/09/24	2205410 540070		2025/6	4.87
						Total For Check # 325034			134.29
12/19/2024	325036	124 KIMS INTERNATIONAL		0148722-IN	BLANKET PO FOR MISC. FITTINGS	2205305 560230		2025/6	47.92
				0148796-IN	BLANKET PO FOR MISC. FITTINGS	2205415 560310		2025/6	71.37
						Total For Check # 325036			119.29
12/19/2024	325038	1052 L&W SUPPLY CORPORATION		1011895236-001	BLANKET PO FOR BUILDING SUPPLIES	2205120 570150	2551150	2025/6	178.64
						Total For Check # 325038			178.64
12/19/2024	325039	4452 L3HARRIS TECHNOLOGIES INC		93431703	2 radios 1XG-25M(base station) & 1XL-45P	2205010 560240		2025/6	5,287.42
						Total For Check # 325039			5,287.42
12/19/2024	325041	4351 LEE ENTERPRISES INC		500047501	ADVERTS FOR BIDS	2205130 550050		2025/6	75.66

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						Total For Check # 325041			75.66
12/19/2024	325043	614	LIGHTING INC/BROKEN ARROW ELECTRIC	S3281954.002	BLANKET PO FOR MISC. LIGHTING	2205410 560180		2025/6	56.00
						Total For Check # 325043			56.00
12/19/2024	325044	131	LOCKE SUPPLY COMPANY	53965556-00	BLANKET PO FOR PLUMBING & ELECTRICAL SUPPLIES	2205120 570150	2551150	2025/6	20.97
				53963766-00	BLANKET PO FOR PLUMBING & ELECTRICAL SUPPLIES	2205120 570150	2551150	2025/6	6.32
				54148224-00	BLANKET PO FOR PLUMBING & ELECTRICAL SUPPLIES	2205405 560230		2025/6	5.87
						Total For Check # 325044			33.16
12/19/2024	325053	25	NAPA AUTO PARTS	11014	230266	2205403 560200		2025/6	10.44
				11014	7151	2205403 560200		2025/6	14.72
				11014	15W40BULK	2205403 560210		2025/6	53.85
				11026	HDRTU1GAL	2205010 560210		2025/6	102.96
				11028	1372	2205305 560200		2025/6	4.15
				11028	230266	2205305 560200		2025/6	10.44
				11028	200697	2205305 560200		2025/6	27.00
				11028	60221B	2205305 560200		2025/6	19.96
				11028	5W30BULK	2205305 560210		2025/6	26.67
				11031	4324709202	2205010 560200		2025/6	112.84
				11031	H284358	2205010 560200		2025/6	-14.09
				11037	CA009562030	2205010 560200		2025/6	108.89
				11040	3832979C1	2205010 560200		2025/6	798.89
				11045	1748XD	2205010 560200		2025/6	36.48
				11045	FS20176	2205010 560200		2025/6	58.69
				11045	600564	2205010 560200		2025/6	29.86
				11045	9082	2205010 560200		2025/6	12.58
				11045	9520	2205010 560200		2025/6	42.63

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				11045	500925	2205010 560200		2025/6	119.05
				11045	15W40BULK	2205010 560210		2025/6	78.98
				11047	29558329AT	2205010 560200		2025/6	85.72
				11047	510011035	2205010 560200		2025/6	169.43
				11047	500007021	2205010 560200		2025/6	0.01
				11047	HDATAFBULK	2205010 560210		2025/6	176.12
				11048	2803	2205010 560200		2025/6	54.88
				11048	400106	2205010 560200		2025/6	19.31
				11048	1791	2205010 560200		2025/6	18.62
				11048	600447	2205010 560200		2025/6	27.85
				11048	600001	2205010 560200		2025/6	62.03
				11048	15W40BULK	2205010 560210		2025/6	129.24
				11049	10873	2205010 560200		2025/6	847.35
				11049	600185	2205010 560200		2025/6	23.94
				11049	3128	2205010 560200		2025/6	39.46
				11049	K371017	2205010 560200		2025/6	617.12
				11049	600447	2205010 560200		2025/6	83.55
				11049	600149	2205010 560200		2025/6	155.34
				11049	3936	2205010 560200		2025/6	33.76
				11049	3788	2205010 560200		2025/6	227.36
				11049	FS20176	2205010 560200		2025/6	58.69
				11049	FF63041NN	2205010 560200		2025/6	483.30
				11049	PF46235	2205010 560200		2025/6	112.26
				11049	600564	2205010 560200		2025/6	358.32
				11055	1218861000	2205010 560200		2025/6	1,741.66
				011273	WWFBULK	2205120 560230		2025/6	1.39
				011274	388BDM	2205010 560190		2025/6	562.02
				011274	205	2205010 560190		2025/6	53.34

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				011275	122492	2205305 560210		2025/6	61.32
				011275	4800	2205305 560230		2025/6	12.84
				011277	46AWBULK	2205010 560210		2025/6	87.84
				011279	5473184RX	2205010 560200		2025/6	1,726.87
				011279	5473184RX	2205010 560200		2025/6	133.00
				011282	ODPAGM48H6L3	2205010 560200		2025/6	231.69
				011283	388BDM	2205010 560190		2025/6	562.02
				011283	205	2205010 560190		2025/6	53.34
				011292	5295473	2205010 560200		2025/6	762.27
				011292	5295473	2205010 560200		2025/6	282.63
				011295	84181	2205305 560200		2025/6	261.59
				011295	82243	2205305 560200		2025/6	1.40
				011295		2205305 560200		2025/6	42.54
				011301	RE198488	2205305 560200		2025/6	59.12
				011301	550188	2205305 560200		2025/6	19.68
				011304	4307376	2205010 560200		2025/6	180.00
				011304	3867471	2205010 560200		2025/6	2.91
				011392	R950011	2205010 560200		2025/6	92.63
				011394	789DEF	2205010 560210		2025/6	960.00
				011397	9837	2205010 560200		2025/6	946.59
				011397	9837	2205010 560200		2025/6	81.00
				011403	6770	2205010 560200		2025/6	-75.17
				011407	388BDM	2205010 560190		2025/6	281.01
				011407	205	2205010 560200		2025/6	26.67
				011409	60179021	2205010 560200		2025/6	73.14
				011410	SE4010300J	2205415 560200		2025/6	167.82
				011410		2205415 560200		2025/6	36.28
				011418	388BDM	2205010 560190		2025/6	1,124.04

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CHECK DATE	CHECK #	VENDOR	NAME	INVOICE	DESCRIPTION	G/L NUMBER	PROJECT	YEAR/PERIOD	AMOUNT
				011418	0565241	2205010 560190		2025/6	754.97
				011418	205	2205010 560200		2025/6	133.35
				011421	F003159	2205010 560190		2025/6	543.60
				011421	0565241	2205010 560190		2025/6	-754.97
				011422	7527	2205305 560200		2025/6	116.40
				011422	7527	2205305 560200		2025/6	18.00
				011423	85805	2205305 560210		2025/6	97.76
				10155D	500925	2205305 560200		2025/6	-119.05
				10155D	1748XD	2205305 560200		2025/6	-53.04
				10155D	600564	2205305 560200		2025/6	-29.86
				10155D	9082	2205305 560200		2025/6	-12.58
				10155D	9520	2205305 560200		2025/6	-42.63
				10155D	PF46235	2205305 560200		2025/6	-37.42
				10155D	15W40BULK	2205305 560210		2025/6	-86.16
				10155D	WWFBULK	2205120 560230		2025/6	-1.39
				10162D	WWFBULK	2205120 560230		2025/6	-1.39
				10175D	S388BDM	2205305 560190		2025/6	-733.12
				10182D	7302382	2205210 560200		2025/6	-8.93
				10182D	11R2195	2205210 560200		2025/6	-156.19
				10183D	F003159	2205010 560190		2025/6	-1,122.38
				10183D	388BDM	2205010 560190		2025/6	-472.42
				10183D	205	2205010 560200		2025/6	-106.68
				10185D	2593968C1	2205410 560200		2025/6	-241.06
				10189D	46AWBULK	2205010 560210		2025/6	-195.20
				011612	GAL300314	2205403 560190		2025/6	1,057.64
				011612		2205403 560190		2025/6	305.00
				011613	WWFBULK	2205120 560230		2025/6	1.39
				011614	WWFBULK	2205120 560230		2025/6	1.39

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CHECK DATE	CHECK #	VENDOR	NAME	INVOICE	DESCRIPTION	G/L NUMBER	PROJECT	YEAR/PERIOD	AMOUNT
				011615	7909	2205410 560200		2025/6	28.97
				011615	600103	2205410 560200		2025/6	81.48
				011615	9082	2205410 560200		2025/6	12.58
				011615	500925	2205410 560200		2025/6	119.05
				011615	9520	2205410 560200		2025/6	42.63
				011615	15W40BULK	2205410 560210		2025/6	136.42
				011615	WWFBULK	2205120 560230		2025/6	1.39
				011617	7502	2205400 560200		2025/6	4.15
				011617	9883	2205400 560200		2025/6	12.45
				011617	20811	2205400 560210		2025/6	23.61
				011617	115	2205400 560210		2025/6	14.44
				011617	5W20BULK	2205400 560210		2025/6	23.66
				011617	WWFBULK	2205120 560230		2025/6	1.39
				011619	129471	2205010 560200		2025/6	692.03
				011625	46AWBULK	2205010 560210		2025/6	97.60
				011626	BC3030C	2205410 560200		2025/6	57.63
				011626	R810019	2205410 560200		2025/6	19.18
				011626	SA55073	2205410 560200		2025/6	75.58
				011630	46AWBULK	2205410 560200		2025/6	73.20
				011632	2418697	2205010 560200		2025/6	748.80
				011635	WWFBULK	2205120 560230		2025/6	1.39
				011588	7708	2205010 560200		2025/6	-39.76
				011588	600149	2205010 560200		2025/6	-51.78
				011588	4466	2205010 560200		2025/6	-12.58
				011588	6870	2205010 560200		2025/6	-50.25
				011588	6871	2205010 560200		2025/6	-47.49
				011588	15W40BULK	2205010 560210		2025/6	-114.88
				011592	F244465	2205010 560190		2025/6	1,120.74

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CHECK DATE	CHECK #	VENDOR	NAME	INVOICE	DESCRIPTION	G/L NUMBER	PROJECT	YEAR/PERIOD	AMOUNT
				011600	A1853241002	2205403 560200		2025/6	69.99
				011603	42818	2205305 560200		2025/6	128.80
				011603	NPB16	2205305 560200		2025/6	13.96
				011603		2205305 560200		2025/6	17.04
				011607	AN225001001	2205010 560200		2025/6	202.78
				011607	AN125001006	2205010 560200		2025/6	0.02
				011607	CA009562030	2205010 560200		2025/6	221.16
				011464	7060	2205400 560200		2025/6	4.15
				011464	2488	2205400 560200		2025/6	13.50
				011464	20811	2205400 560210		2025/6	23.61
				011464	115	2205400 560210		2025/6	14.44
				011464	5W30BULK	2205400 560210		2025/6	22.86
				011464	WWFBULK	2205120 560230		2025/6	1.39
				011465	9848	2205403 560200		2025/6	195.23
				011465	9848	2205403 560200		2025/6	18.00
				011465	9848	2205403 560200		2025/6	-18.00
				011468	WWFBULK	2205120 560230		2025/6	1.39
				011475	BX800405	2205010 560200		2025/6	290.91
				011484	8135015	2205400 560230		2025/6	52.64
				011484	7304046	2205400 560230		2025/6	8.52
				011484	00020	2205400 560230		2025/6	28.72
				011484	7000	2205400 560230		2025/6	27.24
				011487	V063151880	2205305 560200		2025/6	111.34
				011487	1K94743172	2205305 560200		2025/6	61.41
				011492	V063151880	2205305 560200		2025/6	-111.34
				011492	1K94743172	2205305 560200		2025/6	-61.41
				011496	122062	2205010 560210		2025/6	43.10
				011496	1026	2205010 560210		2025/6	494.88

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CHECK DATE	CHECK #	VENDOR	NAME	INVOICE	DESCRIPTION	G/L NUMBER	PROJECT	YEAR/PERIOD	AMOUNT
						Total For Check # 325053			19,795.12
12/19/2024	325054			11018	22264	2205415 560210		2025/6	13.42
				11019	57020	2205120 560230		2025/6	13.74
				11022	4800	2205120 560230		2025/6	9.63
				11025	H284358	2205010 560200		2025/6	14.09
				11034	23439	2205010 560200		2025/6	31.95
				11041	MT1116	2205406 560200		2025/6	10.80
				11046	7060	2205010 560200		2025/6	4.15
				11046	4579	2205010 560200		2025/6	6.97
				11046	2725	2205010 560200		2025/6	15.58
				11046	5W20BULK	2205010 560210		2025/6	23.66
				11050	9080XL	2205120 560230		2025/6	15.56
				11052	10873	2205010 560210		2025/6	50.84
				011261	05088PS	2205010 560230		2025/6	43.61
				011263	7060	2205305 560200		2025/6	4.15
				011263	2725	2205305 560200		2025/6	15.58
				011263	5W20BULK	2205305 560210		2025/6	23.66
				011267	7000	2205410 560230		2025/6	27.24
				011268	NPF002	2205403 560210		2025/6	23.34
				011278	7709231	2205403 560230		2025/6	9.98
				011280	5627589	2205010 560200		2025/6	47.58
				011286	WWFBULK	2205120 560230		2025/6	1.39
				011287	HDRTU1GAL	2205305 560210		2025/6	17.16
				011293	97032	2205120 560230		2025/6	38.86
				011294	1394	2205120 560200		2025/6	4.15
				011294	3011	2205120 560200		2025/6	2.07
				011294	6449	2205120 560200		2025/6	12.89
				011294	550049485	2205120 560210		2025/6	13.02

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CHECK DATE	CHECK #	VENDOR	NAME	INVOICE	DESCRIPTION	G/L NUMBER	PROJECT	YEAR/PERIOD	AMOUNT
				011297	1119010	2205010 560200		2025/6	14.06
				011302	708024	2205120 560200		2025/6	31.63
				011302	6578	2205120 560200		2025/6	4.96
				011303	17EM120	2205415 560200		2025/6	3.51
				011303	59CM1240	2205415 560200		2025/6	5.33
				011391	NPF002	2205410 560210		2025/6	11.67
				011395	550049483	2205010 560210		2025/6	13.16
				011395	EB1	2205010 560230		2025/6	10.86
				011396	25080948HD	2205010 560200		2025/6	53.36
				011398	7451106	2205010 560200		2025/6	61.97
				011399	11050	2205120 560230		2025/6	10.00
				011399	4800	2205120 560230		2025/6	6.42
				011400	68050777AA	2205403 560200		2025/6	15.80
				011406	44302R	2205010 560200		2025/6	59.31
				011408	30286R	2205010 560200		2025/6	30.52
				011411	47173	2205010 560200		2025/6	11.79
				011413	8102	2205403 560200		2025/6	4.00
				011413	19403	2205403 560210		2025/6	6.26
				011413	75130	2205403 560230		2025/6	2.96
				011414	9080XL	2205120 560230		2025/6	15.56
				011415	9003N	2205010 560200		2025/6	15.98
				011417	AR143	2205010 560200		2025/6	22.68
				011419	NPF002	2205305 560210		2025/6	11.67
				011420	44302R	2205010 560200		2025/6	19.77
				011426	7527	2205305 560200		2025/6	-18.00
				10154D	3096932	2205403 560210		2025/6	-26.79
				10157D	7035	2205210 560200		2025/6	-7.56
				10157D	1551	2205210 560200		2025/6	-6.36

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CHECK DATE	CHECK #	VENDOR	NAME	INVOICE	DESCRIPTION	G/L NUMBER	PROJECT	YEAR/PERIOD	AMOUNT
				10157D	3011	2205210 560200		2025/6	-2.07
				10157D	550049485	2205210 560210		2025/6	-13.02
				10166D	7031896	2205120 560200		2025/6	-21.27
				10176D	789DEF	2205403 560210		2025/6	-20.00
				10187D	AGC20BP	2205010 560200		2025/6	-11.08
				10188D	75NRG	2205405 560200		2025/6	-20.16
				10188D	7540BW8	2205405 560200		2025/6	-38.08
				10191D	1709433	2205120 560200		2025/6	-35.56
				011610	7060	2205120 560200		2025/6	4.15
				011610	4579	2205120 560200		2025/6	6.97
				011610	2725	2205120 560200		2025/6	15.58
				011610	5W20BULK	2205120 560210		2025/6	27.04
				011610	WWFBULK	2205120 560230		2025/6	1.39
				011618	230266	2205115 560200		2025/6	10.44
				011618	100050	2205115 560200		2025/6	4.15
				011618	9883	2205115 560200		2025/6	12.45
				011618	5W30BULK	2205115 560210		2025/6	22.86
				011618	WWFBULK	2205120 560230		2025/6	1.39
				011620	129471	2205010 560200		2025/6	692.03
				011620	129471	2205010 560200		2025/6	-692.03
				011620		2205010 560200		2025/6	29.92
				011623	WWFBULK	2205120 560230		2025/6	1.39
				011633	GR14CHTR	2205410 560210		2025/6	10.16
				011636	484870	2205415 560200		2025/6	40.00
				011587	34846T	2205120 560230		2025/6	13.64
				011589	600149	2205010 560200		2025/6	-51.78
				011590	NPF002	2205403 560210		2025/6	11.67
				011597	6403	2205010 560200		2025/6	38.89

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CHECK DATE	CHECK #	VENDOR	NAME	INVOICE	DESCRIPTION	G/L NUMBER	PROJECT	YEAR/PERIOD	AMOUNT
				011597	9082	2205010 560200		2025/6	12.58
				011601	2413	2205120 560230		2025/6	30.00
				011604	VCC32000022	2205010 560200		2025/6	39.32
				011606	RK5152202	2205010 560200		2025/6	49.49
				011469	WWFBULK	2205120 560230		2025/6	1.39
				011470	WWFBULK	2205120 560230		2025/6	1.39
				011471	7060	2205305 560200		2025/6	4.15
				011471	2488	2205305 560200		2025/6	13.50
				011471	20811	2205305 560210		2025/6	23.61
				011471	115	2205305 560210		2025/6	14.44
				011471	5W30BULK	2205305 560210		2025/6	3.81
				011471	WWFBULK	2205120 560230		2025/6	1.39
				011474	WWFBULK	2205120 560230		2025/6	1.39
				011476	75200	2205010 560210		2025/6	18.08
				011478	WWFBULK	2205120 560230		2025/6	1.39
				011480	68061648AA	2205406 560200		2025/6	13.84
				011483	HDRTU1GAL	2205010 560210		2025/6	51.48
				011486	7265	2205120 560230		2025/6	45.60
				011486	E025IDW	2205120 560230		2025/6	11.98
				011493	19B801621P3	2205120 560230		2025/6	11.48
				011494	614	2205010 560200		2025/6	17.60
						Total For Check # 325054			1,286.57
12/19/2024	325055			11011	MT1116	2205120 560230		2025/6	1.80
				11012	HDATFBULK	2205415 560210		2025/6	5.18
				11017	4324139292	2205010 560200		2025/6	0.01
				11029	RTU1EXT	2205305 560210		2025/6	8.61
				11038	AN125001006	2205010 560200		2025/6	0.01
				11043	MT1116	2205406 560230		2025/6	5.40

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CHECK DATE	CHECK #	VENDOR	NAME	INVOICE	DESCRIPTION	G/L NUMBER	PROJECT	YEAR/PERIOD	AMOUNT
				011262	75130	2205120 560230		2025/6	2.96
				011264	4800	2205120 560230		2025/6	6.42
				011266	4800	2205120 560230		2025/6	6.42
				011270	H6054N	2205010 560200		2025/6	7.68
				011281	7335794	2205305 560200		2025/6	4.27
				011300	4800	2205120 560230		2025/6	6.42
				011393	9003N	2205010 560200		2025/6	7.99
				011401	9006N	2205010 560200		2025/6	7.32
				011402	192N	2205010 560200		2025/6	2.94
				011412	30250R	2205010 560200		2025/6	22.02
				011412	30286R	2205010 560200		2025/6	-30.52
				011416	4800	2205120 560230		2025/6	3.21
				10156D	728281	2205120 560200		2025/6	-5.20
				10163D	75130	2205120 560230		2025/6	-2.96
				10167D	19403	2205305 560230		2025/6	-6.12
				10171D	75500	2205305 560210		2025/6	-5.01
				10181D	914	2205305 560200		2025/6	-0.89
				10184D	194N	2205305 560200		2025/6	-0.42
				10186D	7822093	2205403 560200		2025/6	-4.12
				10190D	MT1116	2205400 560230		2025/6	-3.60
				10190D	MT1115	2205400 560230		2025/6	-3.02
				011609	MT1115	2205415 560230		2025/6	1.51
				011609	MT1116	2205415 560230		2025/6	1.80
				011611	2413	2205120 560230		2025/6	5.00
				011616	2413	2205120 560230		2025/6	5.00
				011627	HDRTU1GAL	2205410 560210		2025/6	8.58
				011631	DA1670	2205010 560230		2025/6	7.19
				011634	2413	2205120 560230		2025/6	5.00

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CHECK DATE	CHECK #	VENDOR	NAME	INVOICE	DESCRIPTION	G/L NUMBER	PROJECT	YEAR/PERIOD	AMOUNT
				011595	4988280	2205010 560200		2025/6	4.11
				011602	2413	2205120 560230		2025/6	5.00
				011463	8215233	2205120 560230		2025/6	6.20
				011489	90670	2205415 560230		2025/6	6.43
				011491	89240	2205400 560200		2025/6	0.01
				011495	7081511	2205305 560200		2025/6	5.76
				011497	11BP8400	2205130 560230		2025/6	0.01
				Total For Check # 325055					98.40
12/19/2024	325056	5149 OFFEN PETROLEUM LLC		INV1355515	FUEL FOR STREETS LOCATION - TBD	220 142000		2025/6	15,774.57
				INV1369773	(URGENT) DIESEL GENERATOR FUEL FOR WTP	2205405 560210		2025/6	2,308.61
				INV1376966	FUEL FOR FLEET LOCATION	220 142000		2025/6	13,164.76
				Total For Check # 325056					31,247.94
12/19/2024	325057	4349 OKIE PACKAGING & INDUSTRIAL SUPPLIES		317307	BLANKET ORDER FOR BLANKET PO FOR FIRE JANITORIAL	220 141000		2025/6	1,263.60
				Total For Check # 325057					1,263.60
12/19/2024	325060	98 OKLAHOMA NATURAL GAS CO		257659209 12132024	210119696 2576592 09 DEC 13 2024 7506 S INDIANWOOD	2205415 550240		2025/6	48.44
				257977409 12132024	210155550 2579774 09 DEC 13 2024 4213 W WINSTON ST	2205415 550240		2025/6	36.45
				220544536 12132024	212869317 2205445 36 DEC 13 2024 6221 W DURHAM ST	2205415 550240		2025/6	33.80
				179009782 12132024	211104019 1790097 82 DEC 13 2024 430 N PECAN ST	2205100 550240		2025/6	224.23
				254035382 12122024	211155662 2540353 82 DEC 12 2024 900 W QUINTON ST	2205415 550240		2025/6	39.94
				253747127 12122024	211155662 2537471 27 DEC 12 2024 6701 S ELM PL	2205415 550240		2025/6	45.94
				110016445 12132024	210105033 1100164 45 DEC 13 2024 400 N PECAN ST	2205100 550240		2025/6	265.00

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CHECK DATE	CHECK #	VENDOR	NAME	INVOICE	DESCRIPTION	G/L NUMBER	PROJECT	YEAR/PERIOD	AMOUNT
						Total For Check # 325060			693.80
12/19/2024	325063	2089	OPENGOV INC	INV17267	YEARLY EXPENSE/IMPLEMENTATION	2201700 530870		2025/6	55,812.03
						Total For Check # 325063			55,812.03
12/19/2024	325071	2173	RJN GROUP INC	390710	Florence & Haikey Creek Sewer & W/L WL23050	2205400 570160	WL23050	2025/6	2,500.00
						Total For Check # 325071			2,500.00
12/19/2024	325072	2511	ROUTEWARE INC.	INV-036991	CELLULAR DATA CHARGES	2205010 540550		2025/6	1,480.08
						Total For Check # 325072			1,480.08
12/19/2024	325074	4008	S2 ENGINEERING PLLC	06-1236	LLWWTP Sludge Thickener Pump Replacement	2205410 570170	2354180	2025/6	1,800.00
						Total For Check # 325074			1,800.00
12/19/2024	325075	491	SCURLOCK INDUSTRIES OF SPRINGFIELD	0026261-IN	0026261-IN NOV 27, 2024	2205410 570150	2154330	2025/6	2,964.50
				0026262-IN	0026262-IN NOV 27, 2024	2205410 570150	2154330	2025/6	12,981.40
						Total For Check # 325075			15,945.90
12/19/2024	325078	335	SERVICE OKLAHOMA	L1128529048	TAG AND TITLE FOR UNITS 2565 & 2566	2205010 560230		2025/6	183.00
						Total For Check # 325078			183.00
12/19/2024	325079	81	SHERWIN WILLIAMS CO	36866163731224	BLANKET PO FOR PAINT SUPPLIES	2205120 570150	2551150	2025/6	48.99
						Total For Check # 325079			48.99
12/19/2024	325081	303	SMITH FARM & GARDEN CO	73766	BLANKET PO FOR MISC. PARTS	2205410 560230		2025/6	57.00
						Total For Check # 325081			57.00
12/19/2024	325085	2712	STONEY CREEK CONFERENCE CENTER	28586762	2024 COBA AWARDS BANQUET	2201700 550890	2517160	2025/6	10,611.00
						Total For Check # 325085			10,611.00

City of Broken Arrow
Check Register by Fund



Fund 220

CHECK DATE	CHECK #	VENDOR	NAME	INVOICE	DESCRIPTION	G/L NUMBER	PROJECT	YEAR/PERIOD	AMOUNT
12/19/2024	325087	3871	SUMMIT FIRE & SECURITY LLC	2796038	DSX Access Control & Axis cameras @ Purchasing	2201700 570150	2517010	2025/6	6,950.00
				2558127	Cameras and DSX at Lube Building - Fleet	2201700 570150	2517010	2025/6	12,000.00
					Total For Check # 325087				18,950.00
12/19/2024	325088	4239	SYN-TECH SYSTEMS INC	306561	20' cables for aim kits	2205010 560200		2025/6	524.00
					Total For Check # 325088				524.00
12/19/2024	325090	723	THE MET	2928	2928 DEC 1, 2024	2205010 550100		2025/6	12,508.92
					Total For Check # 325090				12,508.92
12/19/2024	325092	1104	TIGER, INC.	1124141602	210105033 110164 021 DEC 2024 READ 400 N PECAN	2205120 550240		2025/6	618.20
				1124141624	211104019 1790097 021 DEC 2024 READ 430 N PECAN AV	2205120 550240		2025/6	360.77
				1124141637	213245206 2528385 021 DEC 2024 READ 4121 E OMAHA	2205120 550240		2025/6	553.45
					Total For Check # 325092				1,532.42
12/19/2024	325094	571	TULSA CITY COUNTY HEALTH DEPT.	NV2412002	OPDES PERMIT OK0040053 REQUIREMENTS	2205410 530340		2025/6	2,108.00
					Total For Check # 325094				2,108.00
12/19/2024	325096	304	TULSA ENGINEERING & PLANNING ASSOCIATES INC	24-094.01.01	Fire Training Survey	2205210 530870	SW24110	2025/6	9,625.00
					Total For Check # 325096				9,625.00
12/19/2024	325097	1489	TULSA HEALTH DEPARTMENT	NV2411014	NV2411014 NOV 7, 2024	2205405 530340		2025/6	187.00
				NV2412011	NV2412011 DEC 4, 2024	2205405 530340		2025/6	80.00
				NV2412012	NV2412012 DEC 4, 2024	2205404 530340		2025/6	7,003.00
					Total For Check # 325097				7,270.00
12/19/2024	325099	949	TULSA WINNELSON COMPANY	573127 01	BLANKET PO MISC. PLUMBING SUPPLIES	2205405 570150	2554400	2025/6	911.61
					Total For Check # 325099				911.61



Fund 220

CHECK DATE	CHECK #	VENDOR	NAME	INVOICE	DESCRIPTION	G/L NUMBER	PROJECT	YEAR/PERIOD	AMOUNT
12/19/2024	325100	1808	TULSA'S GREEN COUNTRY STAFFING	107332	TEMP SERVICES FOR FLEET MAINTENANCE	2205120 550370		2025/6	2,063.80
				107331	TEMP EMPLOYEE BUILDING MAINT	2205115 550370		2025/6	870.40
				107333	107333 DEC 13, 2024	2205010 550370		2025/6	12,928.59
				Total For Check # 325100					15,862.79
12/19/2024	325101	1496	TWIN CITIES READY MIX INC	296490	BLANKET PO FOR CONCRETE	2205400 570150	WL23040	2025/6	525.00
				296678	BLANKET PO FOR CONCRETE	2205400 570150	WL23040	2025/6	525.00
				296491	BLANKET PO FOR CONCRETE	2205400 560270		2025/6	306.50
				Total For Check # 325101					1,356.50
12/19/2024	325103	744	UNITED RENTALS, INC	241229518-001	241229518-001 DEC 3, 2024	2205410 540320		2025/6	8,014.90
				241247960-001	241247960-001 DEC 3, 2024	2205410 540320		2025/6	2,813.40
				241470848-001	241470848-001 DEC 7, 2024	2205410 540320		2025/6	14,316.90
				Total For Check # 325103					25,145.20
12/19/2024	325104	44	UTILITY SUPPLY	201651	URGENT- clamps for travis- emergency wl breaks	2205400 560400		2025/6	196.00
				199891	199891 OCT 7, 2024	2205410 570150	2154330	2025/6	256.00
				199889	199889 OCT 7, 2024	2205410 570150	2154330	2025/6	4,055.00
				199459	199459 SEPT 20, 2024	2205410 570150	2154330	2025/6	855.24
				Total For Check # 325104					5,362.24
12/19/2024	325106	868	COUNTRY FORD-MERCURY INC	83159	CITY COUNCIL APPROVED 07/15/2024	2205115 570020	2551070	2025/6	69,350.21
				83160	CITY COUNCIL APPROVED 07/15/2024	2205100 570020	2551010	2025/6	46,428.20
				Total For Check # 325106					115,778.41
12/19/2024	325107	1169	VERIZON	9979291354	9979291354 OCT 22- NOV 21 2024	2205404 550540		2025/6	60.01
Total For Check # 325107									60.01

City of Broken Arrow
Check Register by Fund



Fund 220

CHECK DATE	CHECK #	VENDOR	NAME	INVOICE	DESCRIPTION	G/L NUMBER	PROJECT	YEAR/PERIOD	AMOUNT
12/19/2024	325111	48	WARREN POWER & MACHINERY, INC.	PS100946495	Parts-Unit 2244-for Matt Duran	2205305 560200		2025/6	142.65
Total For Check # 325111									142.65
12/19/2024	325112	897	WASTE MANAGEMENT QUARRY LANDFILL	0066732-2185-6	5-50248-03006 STREETS	2205010 540300		2025/6	6,999.54
				0066735-2185-9	6-95673-83006 SEWER SERVICE	2205010 540300		2025/6	85,331.53
Total For Check # 325112									92,331.07
12/19/2024	325113	2346	WEX FLEET UNIVERSAL	101205449	FUEL	220 143015		2025/6	2,843.92
Total For Check # 325113									2,843.92
Total For Fund 220									2,632,464.18
Number of Invoices For Fund 220									1,182

**AGREEMENT SUMMARY
BROKEN ARROW MUNICIPAL AUTHORITY

VERDIGRIS RIVER WATER TREATMENT PLANT
ON-SITE HYPOCHLORITE GENERATION SYSTEM BRINE TANK

PROFESSIONAL CONSULTANT AGREEMENT
PROJECT NO. 2154350**

1.0 Professional Consulting Firm:

1.1 Name: HDR Engineering, Inc.
1.2 Telephone No.: 972-960-4400
1.3 Address: 17111 Preston Road, Suite 300
Dallas, TX 75248-1232

2.0 Project Name/Location: Verdigris River Water Treatment Plant (VRWTP) On-site Hypochlorite Generation System Brine Tank, Broken Arrow, OK

3.0 Statement of Purpose: CONSULTANT understands that the OWNER has retained their professional services to conduct preliminary design, final design, bidding phase and construction phase services for the addition of a brine storage tank for the on-site hypochlorite generation system at the VRWTP. The documents shall include, but not be limited to, the following: preliminary design report, construction plans detailing the intent of the PROJECT; construction specifications; general conditions and special conditions; and opinion of probable construction cost.

4.0 Agreement Summary:

4.1 Agreement Amount:

Administrative/Managerial Duties	\$ 15,924.00
Preliminary Design Phase	\$ 18,094.00
Final Design Phase	\$ 96,850.00
Bid Assistance Phase	\$ 8,766.00
Construction Services Phase	\$ 23,777.00
TOTAL AGREEMENT AMOUNT	\$ 163,411.00

4.2 Agreement Time (Design only): 165 calendar days
4.3 Estimated Construction Cost: \$1,500,000

5.0 Agreement Approved by the OWNER on: _____

**AGREEMENT
FOR
PROFESSIONAL CONSULTANT SERVICES
BETWEEN
BROKEN ARROW MUNICIPAL AUTHORITY
AND
HDR ENGINEERING, INC.
FOR
VERDIGRIS RIVER WATER TREATMENT PLANT
ON-SITE HYPOCHLORITE GENERATION SYSTEM BRINE TANK
PROJECT NO. 2154350**

This AGREEMENT, including Attachment A through Attachment E, between the Broken Arrow Municipal Authority (OWNER) and HDR Engineering, Inc., (CONSULTANT);

W I T N E S S E T H:

WHEREAS, OWNER intends to construct improvements to the on-site hypochlorite generation system at the Verdigris River Water Treatment Plant (PROJECT) for which, OWNER has requested that CONSULTANT provide certain professional services as required and,

WHEREAS, CONSULTANT is qualified and capable to provide the professional services required;

NOW, therefore, in consideration of the promises contained in this AGREEMENT, OWNER and CONSULTANT agree as follows:

ARTICLE 1 - EFFECTIVE DATE

This AGREEMENT shall be effective upon signature of both parties.

ARTICLE 2 - GOVERNING LAW

This AGREEMENT shall be governed by the laws of the State of Oklahoma and venue for any action concerning this AGREEMENT shall be in the District Court of Tulsa County, Oklahoma.

ARTICLE 3 - SERVICES TO BE PERFORMED BY CONSULTANT

CONSULTANT shall perform the SERVICES described in Attachment A, Scope of Services. CONSULTANT and OWNER agree CONSULTANT'S work performed under this AGREEMENT are performed as an independent contractor. If construction phase services are included, the CONSULTANT shall be the OWNER'S agent and representative to observe, record and report with respect to all services that are required or authorized by the construction documents. OWNER and CONSULTANT agree that the services to be performed under this AGREEMENT by the CONSULTANT shall be as an independent contractor.

ARTICLE 4 – ORGANIZATION OF SUBMITAL DOCUMENTS

CONSULTANT shall prepare the documents as described in Attachment B as part of this AGREEMENT.

ARTICLE 5 - COMPENSATION

OWNER shall pay CONSULTANT in accordance with Attachment C, Compensation and Additional Services.

ARTICLE 6 - OWNER'S RESPONSIBILITIES

OWNER shall be responsible for all matters described in Attachment D, OWNER'S Responsibilities and Special Conditions.

ARTICLE 7 - STANDARD OF CARE

CONSULTANT shall perform the SERVICES undertaken in a manner consistent with the prevailing accepted standard for similar services with respect to projects of comparable function and complexity, and with the applicable state laws, as well as the specific codes, regulations, design criteria and construction specifications adopted by the owner and other governing policies published and generally considered authoritative by CONSULTANT'S profession that are in effect at the time of performance of these SERVICES. CONSULTANT is obligated to perform professional services in accordance with the foregoing standard with respect to the laws, codes, regulations, design criteria and construction specifications that are applicable pursuant to this AGREEMENT.

ARTICLE 8 - LIABILITY

8.1 General. Having considered the potential liabilities that may exist during the performance of these SERVICES, the benefits of the PROJECT, and CONSULTANT'S fee for the SERVICES; and in consideration of the promises contained in this AGREEMENT, OWNER and CONSULTANT agree to allocate and limit such liabilities in accordance with Article 10.

8.2 Indemnification. CONSULTANT agrees to defend, indemnify, and hold harmless OWNER, and its agents and employees, from and against legal liability for all claims, losses, damages, and expenses to the extent such claims, losses, damages, or expenses are caused by the negligent or intentional acts, errors, or omissions of CONSULTANT, its agents or employees. In the event claims, losses, damages, or expenses are caused by the joint or concurrent negligence of OWNER and CONSULTANT, or their agents or employees, then they shall be borne by each party in proportion to each entity's own negligence.

8.3 Consequential Damages. OWNER shall not be liable to CONSULTANT for any special, indirect, or consequential damages resulting in any way from the performance of the SERVICES such as, but not limited to, loss of use, loss of revenue, or loss of anticipated profits.

8.4 Survival. Upon completion of all SERVICES, obligations, and duties provided for in this AGREEMENT, or if this AGREEMENT is terminated for any reason, the terms and conditions of this Article 8 shall survive.

ARTICLE 9 - INSURANCE

During the performance of the SERVICES under this AGREEMENT, CONSULTANT shall maintain the following insurance:

- (1) General Liability Insurance, with a combined single limit of \$1,000,000 for each occurrence and \$1,000,000 in the aggregate;
- (2) Automobile Liability Insurance, with a combined single limit of not less than \$1,000,000 for each person, not less than \$1,000,000 for each accident and not less than \$1,000,000 for property damage; and
- (3) Professional Liability Insurance, with a limit of \$1,000,000 annual aggregate.

CONSULTANT shall furnish OWNER certificates of insurance, which shall include a provision that such insurance shall not be canceled without at least thirty (30) days written notice to OWNER. All PROJECT sub-consultants shall be required to name OWNER and CONSULTANT as certificate holders on their certificate of insurance for the PROJECT and shall be required to indemnify OWNER and CONSULTANT to the same extent. CONSULTANT shall be held

responsible to submit certificates of insurance for sub-consultants to OWNER prior to the sub-consultant's release to commence work.

ARTICLE 10 - LIMITATIONS OF RESPONSIBILITY

CONSULTANT shall not be responsible for: (1) construction means, methods, techniques, sequences, procedures, or safety precautions and programs in connection with the construction of the PROJECT; or (2) procuring permits, certificates, and licenses required for any construction unless such responsibilities are specifically assigned to CONSULTANT in Attachment A, Scope of Services.

ARTICLE 11 - LIMITATIONS OF RESPONSIBILITIES FOR ACTS OF OTHERS

CONSULTANT shall not at any time supervise, direct, control or have authority over any work performed by any employee, contractor or other agent of OWNER. CONSULTANT shall not be responsible for the acts or omissions of any employee, contractor or other agent associated with the PROJECT except for its own employees, subcontractors and other agents.

ARTICLE 12 - OPINIONS OF COST AND SCHEDULE

Since CONSULTANT has no control over the cost of labor, materials, or equipment furnished by others, or over the resources provided by others to meet PROJECT schedules, CONSULTANT'S opinion of probable costs and of PROJECT schedules shall be made on the basis of experience and qualifications as a professional. CONSULTANT does not guarantee that proposals, bids, or actual PROJECT costs will conform to OWNER'S cost estimates or that actual schedules will conform to OWNER'S projected schedules.

ARTICLE 13 - REUSE OF DOCUMENTS

All documents, including, but not limited to, drawings, specifications, and details, reports, etc. prepared by CONSULTANT pursuant to this AGREEMENT are instruments of service in respect to the PROJECT. They are not intended or represented to be suitable for reuse by CONSULTANT or others on extensions of the PROJECT or on any other project. Any reuse or adaptation without prior written verification by the OWNER for the specific purpose intended will be at CONSULTANT'S sole risk and without liability or legal exposure to the OWNER. CONSULTANT shall defend, indemnify, and hold harmless the OWNER against all claims, losses, damages, injuries, and expenses, including attorney's fees, arising out of or resulting from such reuse.

ARTICLE 14 - OWNERSHIP OF DOCUMENTS AND INTELLECTUAL PROPERTY

Except as otherwise provided herein, engineering documents, drawings, and specifications prepared by CONSULTANT as part of the SERVICES shall become the property of OWNER. CONSULTANT shall retain its rights in its standard drawing details, specifications, data bases, computer software, and other proprietary property. Rights to intellectual property developed, utilized, or modified in the performance of the SERVICES shall remain the property of CONSULTANT, but shall be provided to the OWNER, at no additional expense to the OWNER.

ARTICLE 15 - TERMINATION

This AGREEMENT may be terminated by either party upon written notice in the event of substantial failure by either party to perform in accordance with the terms of this AGREEMENT. The non-performing party shall have fifteen (15) calendar days from the date of the termination notice to cure or to submit a plan for cure acceptable to the other party.

OWNER may suspend performance of this AGREEMENT for OWNER'S convenience upon written notice to CONSULTANT. Upon restart, an equitable adjustment may be made to CONSULTANT'S compensation, if the period of suspension has created an economic hardship for the CONSULTANT.

ARTICLE 16 - DELAY IN PERFORMANCE

Neither OWNER nor CONSULTANT shall be considered in default of this AGREEMENT for delays in performance caused by circumstances beyond the reasonable control of the non-performing party. For purposes of this AGREEMENT, such circumstances include, but are not limited to, abnormal weather conditions such as floods, earthquakes, fire; civil disturbances such as war, riots, or other civil epidemic; power outages, strikes, lockouts, work slowdowns, or other labor disturbances; sabotage; judicial restraint, and inability to procure permits, licenses, or authorizations from any local, state, or federal agency for any of the supplies, materials, accesses, or services required to be provided by either OWNER or CONSULTANT under this AGREEMENT.

Should such circumstances occur, the non-performing party shall, within a reasonable time of being prevented from performing, give written notice to the other party describing the circumstances preventing continued performance and the efforts being made to resume performance of this AGREEMENT.

ARTICLE 17 - WAIVER

A waiver by either OWNER or CONSULTANT of any breach of this AGREEMENT shall be in writing. Such a waiver shall not affect the waiving party's rights with respect to any other or further breach.

ARTICLE 18 - SEVERABILITY

The invalidity, illegality, or unenforceability of any provision of this AGREEMENT or the occurrence of any event rendering any portion or provision of this AGREEMENT void shall in no way affect the validity or enforceability of any other portion or provision of this AGREEMENT. Any void provision shall be deemed severed from this AGREEMENT, and the balance of this AGREEMENT shall be construed and enforced as if this AGREEMENT did not contain the particular portion or provision held to be void. The parties further agree to amend this AGREEMENT to replace any stricken provision with a valid provision that comes as close as possible to the intent of the stricken provision. The provisions of this Article shall not prevent this entire AGREEMENT from being void should a provision which is of the essence of this AGREEMENT be determined void.

ARTICLE 19 - INTEGRATION

This AGREEMENT represents the entire and integrated AGREEMENT between OWNER and CONSULTANT. It supersedes all prior and contemporaneous communications, representations, and agreements, whether oral or written, relating to the subject matter of this AGREEMENT.

ARTICLE 20 - SUCCESSORS AND ASSIGNS

To the extent permitted by Article 22, OWNER and CONSULTANT each binds itself and its successors and assigns to the other party to this AGREEMENT.

ARTICLE 21 - ASSIGNMENT

Neither OWNER nor CONSULTANT shall assign its duties under this AGREEMENT without the prior written consent of the other party. Unless otherwise stated in the written consent to an assignment, no assignment will release or discharge the assignor from any obligation under this AGREEMENT. Nothing contained in this Article shall prevent CONSULTANT from employing independent sub-consultants, associates, and sub-contractors to assist in the performance of the SERVICES. However, third party entities must comply with Article 9.

ARTICLE 22 - THIRD PARTY RIGHTS

Nothing in this AGREEMENT shall be construed to give any rights or benefits to anyone other than OWNER and CONSULTANT.

ARTICLE 23 - COMPLETION

CONSULTANT shall complete the services within the time frame outlined on Attachment E, Project Schedule, subject to conditions which are beyond the control of the CONSULTANT.

ARTICLE 24 - IMMIGRATION COMPLIANCE

24.1 CONSULTANT shall demonstrate that he:

24.1.1 Has complied, and shall at all times during the term of this AGREEMENT, comply in all respects with all immigration-related laws, statutes, ordinances and regulations including without limitation, the Immigration and Nationality Act, as amended, the Immigration Reform and Control Act of 1986, as amended, and the Oklahoma Taxpayer and Citizen Protection Act of 2007 (Oklahoma HB 1804) and any successor laws, ordinances or regulations (collectively, the Immigration Laws"); and

24.1.2 Has properly maintained, and shall at all times during the term of this AGREEMENT, maintain any and all employee records required by the U.S. Department of Homeland Security ("DHS"), including, without limitation, properly completed and maintained Form I-9s for each of the CONSULTANTs employees; and

24.1.3 Has verified the employment eligibility for all employees hired on or after July 1, 2008, through DHS's E-Verify system, and shall at all times continue to verify the employment eligibility of all employees hired during the term of this AGREEMENT; and

24.1.4 Has required, and will at all times during the term of this AGREEMENT, require any sub-contractor utilized, hired or sub-contracted for by CONSULTANT for the completion or undertaking of any duties, tasks or responsibilities under this AGREEMENT, to comply the requirements and obligations imposed by the Immigration Laws and set forth in Paragraph (I), parts (a), (b) and (c), above, with regards to each of the sub-contractor's employees.

24.2 CONSULTANT will indemnify, defend and hold harmless OWNER against any loss, cost, liability, expense (including, without limitation, costs and expenses of litigation and reasonable attorney's fees) demands, claims, actions, causes of action, liabilities, suits, damages, including special and consequential damages that arise from or in connection with, directly or indirectly, CONSULTANTs failure, deliberate or negligent, to fulfill its obligations and representations regarding verifying the employment eligibility of its employees and the employees of any subcontractor utilized by CONSULTANT as set forth more fully in Paragraph 24.1 above.

ARTICLE 25 - COMMUNICATIONS

Any communication required by this AGREEMENT shall be made in writing to the address specified below:

OWNER:	Broken Arrow Municipal Authority 485 N. Poplar Avenue Broken Arrow, OK 74012 Contact: Emily Rowland, P.E. Environmental Division Manager
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CONSULTANT:	HDR Engineering, Inc. 17111 Preston Road, Suite 300 Dallas, TX 75248-1232 972-960-4400 Contact: Joel Cantwell, P.E. Vice President, Project Manager
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Nothing contained in this Article shall be construed to restrict the transmission of routine communications between representatives of OWNER and CONSULTANT.

IN WITNESS WHEREOF, the General Manager of the Broken Arrow Municipal Authority, Oklahoma has hereunto set his hand, for and on behalf of the Broken Arrow Municipal Authority and the CONSULTANT has signed, or caused his name to be signed, and seal affixed by proper authority, the day and year first above-written and these presents have been executed in triplicate counterparts.

OWNER:

Broken Arrow Municipal Authority

By: _____


Michael L. Spurgeon,
General Manager

Date: _____

CONSULTANT:

HDR Engineering, Inc.

By: _____


Lucas A. Bathurst,
Vice President, Area Manager

Date: December 20, 2024


(CORPORATE SEAL, IF APPLICABLE)

Attest: _____

Secretary [Seal]

Date: _____

Attest: _____


Jenifer Rayshell, Admin. Assistant

Date: December 20, 2024

Approved as to form:



Assistant City Attorney

VERIFICATION

State of) Texas

) §

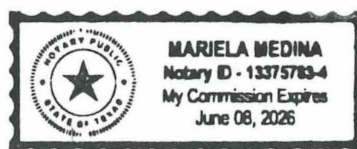
County of) Dallas

Before me, a Notary Public, on this 20th day of December, 2024, personally appeared Lucas A. Bathurst, known to be to be the (President, Vice-President, Corporate Officer, Member, or Other: _____) of HDR Engineering, Inc., and to be the identical person who executed the within and foregoing instrument, and acknowledged to me that he/she executed the same as his/her free and voluntary act and deed for the uses and purposes therein set forth.

My Commission Expires:

June 08, 2026


Notary Public



**ATTACHMENT A
TO
AGREEMENT FOR PROFESSIONAL CONSULTING SERVICES
BETWEEN
BROKEN ARROW MUNICIPAL AUTHORITY (OWNER)
AND
HDR ENGINEERING, INC. (CONSULTANT)
FOR
VERDIGRIS RIVER WATER TREATMENT PLANT
ON-SITE HYPOCHLORITE GENERATION SYSTEM BRINE TANK
PROJECT NO. 2154350**

SCOPE OF SERVICES

The following scope of services shall be made a part of the AGREEMENT dated the ____ day of _____, 202__.

1.0 PROJECT UNDERSTANDING

- 1.1 CONSULTANT understands that the OWNER has retained their professional services to conduct preliminary design, final design, bid phase and construction phase services for construction of a brine storage tank for the on-site hypochlorite generation system at the VRWTP. The PROJECT deliverables will include, but not be limited to, the following: preliminary design report, construction plans detailing the intent of the PROJECT; construction specifications; general conditions and special conditions; and opinion of probable construction cost (OPCC).

CONSULTANT understands that the improvements will include the addition of a brine tank facility including associated site/civil, structural, electrical, and instrumentation and control improvements to support the proposed facility.

- 1.2 The CONSULTANT is required to keep the OWNER apprised of the PROJECT costs and advise the OWNER of necessary cost reduction measures, if required, during the PROJECT.

2.0 SCOPE OF SERVICES

- 2.1 ADMINISTRATIVE/MANAGERIAL DUTIES: CONSULTANT will be responsible to perform the following tasks throughout the course of the PROJECT:

2.1.1 Document all meetings and send documentation to OWNER within three (3) calendar days.

2.1.2 Prepare monthly invoices that include a PROJECT status report and schedule update and submit to OWNER.

- 2.2 PRELIMINARY DESIGN PHASE: Upon receiving the written Notice to Proceed, the CONSULTANT will perform the following tasks:

2.2.1 Meet with the OWNER in a virtual Project Kickoff Meeting to confirm design criteria, equipment preferences, requirements and codes and other evaluation criteria as well as PROJECT schedule and milestone dates.

2.2.2 Prepare a Preliminary Design Memorandum consisting of design criteria, conceptual drawings, and written descriptions of the

PROJECT. If desired by OWNER, the memorandum will be prepared in funding agency formatting (FACT).

- 2.2.3 Based on the information contained in the Preliminary Design Phase documents, prepare an opinion of probable construction cost (OPCC).
 - 2.2.4 Submit the draft Preliminary Design Memorandum to OWNER in electronic pdf format (no hard copies) and review with OWNER on a virtual meeting. Within 14 days of receipt, OWNER shall submit to CONSULTANT any comments regarding the document.
 - 2.2.5 Revise the Preliminary Design Memorandum in response to OWNER's comments, as appropriate, and furnish to OWNER five (5) hard copies and an electronic pdf file of the revised Preliminary Design Memorandum within 14 days after receipt of OWNER's comments.
- 2.3 FINAL DESIGN PHASE: Upon receiving the written Notice to Proceed, CONSULTANT will perform the following tasks:
- 2.3.1 Prepare draft (60 percent complete) and final Drawings and Specifications indicating the scope, extent, and character of the Work to be performed and furnished by CONTRACTOR. OWNER will prepare the front-end documents (Division 0). CONSULTANT will assist the OWNER with specific PROJECT information including PROJECT description, construction duration, bid proposal items, etc.
 - 2.3.2 Provide technical criteria, written descriptions, and design data for OWNER's use in filing applications for permits from or approvals of governmental authorities having jurisdiction to review or approve the final design; assist OWNER in consultations with such authorities; and revise the Drawings and Specifications in response to directives from such authorities, as appropriate.
 - 2.3.3 For 60 percent submittal, furnish for review by OWNER seven (7) copies and an electronic pdf file of the draft Drawings and Specifications and review them with OWNER in a virtual workshop setting. Within 14 days of receipt, OWNER shall submit to CONSULTANT any comments regarding the furnished items, and any instructions for revisions.
 - 2.3.4 Prepare and revise the final Drawings and Specifications in accordance with comments and instructions from the OWNER, as appropriate, and submit one reproducible final copy and electronic pdf files of such documents to OWNER.
 - 2.3.5 Advise OWNER of any recommended adjustments to the opinion of probable Construction Cost. An updated cost shall be prepared for the final documents.
- 2.4 BID ASSISTANCE PHASE: After acceptance by OWNER of the final Drawings and Specifications and the most recent opinion of probable Construction Cost, and upon written authorization from OWNER to proceed, the CONSULTANT

shall perform the following tasks:

- 2.4.1 Participate in a virtual pre-bid meeting. The OWNER will prepare the agenda and facilitate the meeting.
- 2.4.2 Prepare and issue addenda as appropriate to clarify, correct, or change the issued documents.
- 2.4.3 Consult with OWNER as to the qualifications of prospective contractors and assist OWNER in evaluating bids. Prepare a recommendation of award letter and submit to OWNER. CONSULTANT will not attend the bid opening.
- 2.4.4 Prepare conformed drawings and specifications that incorporate addenda items and submit three half-size sets of documents to OWNER and one half-size set of documents to successful bidder along with pdf versions to each entity.
- 2.5 CONSTRUCTION SERVICES PHASE: OWNER will manage the PROJECT during construction, and CONSULTANT will provide only specified, limited services, to include the following:
 - 2.5.1 Attend the pre-construction meeting with OWNER and CONTRACTOR. CONSULTANT will attend virtually.
 - 2.5.2 Review shop drawings and submittals for equipment, appurtenances, and electrical-related components and provide written review comments to OWNER.
 - 2.5.3 Provide responses to OWNER for CONTRACTOR Requests for Information (RFIs) as needed.
 - 2.5.4 Conduct a Substantial Completion site visit (one CONSULTANT employee). Provide a written punch list of items to OWNER that require completion by the CONTRACTOR prior to OWNER acceptance.
 - 2.5.5 Incorporate changes into the drawings and produce Record Drawings based on red-lined Drawings provided by OWNER.
 - 2.5.6 Submit Record Drawings on electronic media (AutoCAD and PDF formats).

**ATTACHMENT B
TO
AGREEMENT FOR PROFESSIONAL CONSULTING SERVICES
BETWEEN
BROKEN ARROW MUNICIPAL AUTHORITY (OWNER)
AND
HDR ENGINEERING, INC. (CONSULTANT)
FOR
VERDIGRIS RIVER WATER TREATMENT PLANT
ON-SITE HYPOCHLORITE GENERATION SYSTEM BRINE TANK
PROJECT NO. 2154350**

ORGANIZATION OF SUBMITTAL DOCUMENTS

The CONSULTANT shall prepare the following documents as described as a part of the AGREEMENT dated the ____ day of _____, 202__.

- Preliminary Design Memorandum
- 60% Drawings and Specifications
- Drawings and Specifications for Permitting Agency Submittal
- Final (Bid-ready) Drawings, Specifications, and OPCC
- Addenda (as needed)
- Conformed Drawings and Specifications
- Record Drawings

**ATTACHMENT C
TO
AGREEMENT FOR PROFESSIONAL CONSULTING SERVICES
BETWEEN
BROKEN ARROW MUNICIPAL AUTHORITY (OWNER)
AND
HDR ENGINEERING, INC. (CONSULTANT)
FOR
VERDIGRIS RIVER WATER TREATMENT PLANT
ON-SITE HYPOCHLORITE GENERATION SYSTEM BRINE TANK
PROJECT NO. 2154350**

COMPENSATION AND ADDITIONAL SERVICES

The following compensation shall apply and shall be made a part of the AGREEMENT dated the ____ day of _____, 202__.

1.0 BASIC COMPENSATION

The basic compensation for the CONSULTANT to perform all duties and responsibilities associated with the Scope of Services as described in Attachment A shall be in accordance with the following payment breakdown:

- 1.1 Administrative/Managerial Duties Payment: The OWNER shall pay the CONSULTANT a lump sum amount of \$15,924 for the completion of the Administrative/Managerial Duties. This amount includes all labor, material, overhead and profit associated with the Scope of Services.
- 1.2 Preliminary Design Phase Payment: The OWNER shall pay the CONSULTANT a lump sum amount of \$18,094 for the completion of the Preliminary Design Phase. This amount includes all labor, material, overhead and profit associated with the Scope of Services.
- 1.3 Final Design Phase Payment: The OWNER shall pay the CONSULTANT a lump sum amount of \$96,850 for the completion of the Final Design Phase. This amount includes all labor, material, overhead and profit associated with the Scope of Services.
- 1.4 Bid Assistance Phase Payment: The OWNER shall pay the CONSULTANT on a time and materials basis with a not-to-exceed amount of \$8,766 for the completion of the Bid Assistance Phase. Labor will be billed at raw hourly rates times a multiplier of 3.25, and expenses for travel and lodging will be reimbursed at cost times a multiplier of 1.0.
- 1.5 Construction Services Phase Payment: The OWNER shall pay the CONSULTANT on a time and materials basis with a not-to-exceed amount of \$23,777 for the completion of the Construction Services Phase. Labor will be billed at raw hourly rates times a multiplier of 3.25, and expenses for travel and lodging will be reimbursed at cost times a multiplier of 1.0.
- 1.6 The OWNER may negotiate other professional services fees with the CONSULTANT at the OWNER'S discretion.

2.0 REPRODUCTION

All charges for reproduction shall be included in Basic Compensation Fee of the CONSULTANT. No separate payment will be made for these expenses.

3.0 MILEAGE

All mileage costs shall be included in the Basic Compensation of the CONSULTANT. No separate payment will be made for these expenses.

4.0 DIRECT COSTS

All direct costs shall be included in the Basic Compensation of the CONSULTANT. No separate payment will be made for these expenses.

5.0 ADJUSTMENT CLAUSE

The rates and costs described in this AGREEMENT shall not be revised annually, unless mutually agreed upon by both parties.

**ATTACHMENT D
TO
AGREEMENT FOR PROFESSIONAL CONSULTING SERVICES
BETWEEN
BROKEN ARROW MUNICIPAL AUTHORITY (OWNER)
AND
HDR ENGINEERING, INC. (CONSULTANT)
FOR
VERDIGRIS RIVER WATER TREATMENT PLANT
ON-SITE HYPOCHLORITE GENERATION SYSTEM BRINE TANK
PROJECT NO. 2154350**

OWNER'S RESPONSIBILITIES AND SPECIAL CONDITIONS

The following list of special OWNER's responsibilities and contract special conditions shall be made a part of the AGREEMENT dated the ____ day of _____, 202__.

1.0 OWNER'S RESPONSIBILITIES

- 1.1 OWNER shall furnish to CONSULTANT all available information pertinent to the PROJECT including previous reports and any other data relative to design and construction of the PROJECT;
- 1.2 OWNER shall furnish to CONSULTANT all public utility information available relative to the design and construction of the PROJECT. CONSULTANT's topographical survey shall locate all utilities above and below ground for exact location;
- 1.3 OWNER shall furnish to CONSULTANT list of codes adopted by the municipality as well as subdivision regulations, design criteria and construction standards and specifications that may be pertinent to the design and construction of the PROJECT;
- 1.4 OWNER shall be responsible for all permit fees and for all reproduction costs associated with the bidding of the final approved construction documents required for the construction of this PROJECT;
- 1.5 OWNER shall be responsible for all land/easement acquisition costs and filing of the required legal documents, if necessary; and
- 1.6 OWNER shall examine all studies, reports, sketches, estimates, specifications, plan drawings, proposals, and other documents presented by the CONSULTANT and render in writing decisions pertaining thereto within a reasonable time so as not to delay the SERVICES of the CONSULTANT.

2.0 SPECIAL CONDITIONS

- 2.1 None

**ATTACHMENT E
TO
AGREEMENT FOR PROFESSIONAL CONSULTING SERVICES
BETWEEN
BROKEN ARROW MUNICIPAL AUTHORITY (OWNER)
AND
HDR ENGINEERING, INC. (CONSULTANT)
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VERDIGRIS RIVER WATER TREATMENT PLANT
ON-SITE HYPOCHLORITE GENERATION SYSTEM BRINE TANK
PROJECT NO. 2154350**

PROJECT SCHEDULE

The following schedule shall be made a part of the AGREEMENT dated the _____ day of _____, 202__.

1.0 PRELIMINARY DESIGN PHASE:

Complete 45 Calendar Days after Notice to Proceed with Preliminary Design

2.0 FINAL DESIGN PHASE:

Complete 120 Calendar Days after Notice to Proceed with Final Design

3.0 BID ASSISTANCE PHASE:

Assumed bidding period is 90 Calendar Days

4.0 CONSTRUCTION SERVICES PHASE:

Assumed construction period is 365 Calendar Days