



**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*

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**Tuesday, April 1, 2025**

**Council Chambers**  
**220 South 1st Street**  
**Broken Arrow, OK**

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**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. [25-35](#) Approval of the Broken Arrow Municipal Authority Meeting Minutes of March 18, 2025
- B. [25-399](#) Acknowledgement of submittal of the Broken Arrow Municipal Authority's Solid Waste and Recycling Report for February 2025
- C. [25-442](#) Acknowledgement of submittal of the Broken Arrow Municipal Authority's Water Supply Report for the month of February 2025
- D. [25-443](#) Acknowledgement of submittal of the Broken Arrow Municipal Authority's Wastewater Discharge Monitoring Report for the month of February 2025
- E. [25-409](#) Approval of and authorization to declare certain Broken Arrow Municipal Authority owned vehicles and equipment as surplus and authorize the sale of those items at an online public auction
- F. [25-450](#) Approval of and authorization to execute Amendment No. 2 to the Professional Consulting Agreement with Garver, LLC for the Bass Pro Booster Pump Station Rehabilitation (Project No. WL22020)
- G. [25-445](#) 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. [25-419](#) Ratify the acceptance of and authorization to accept the Change Order No. 1 for the Tiger Hill water tank from Kimery Painting Inc for the center pole replacement and floor testing (Project No. 2454460)
- I. [25-430](#) Ratification of the Claims List Check Register Dated March 24, 2025

**4. Consideration of Items Removed from Consent Agenda**

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

**6. General Authority Business**

- A. [25-428](#) Consideration, discussion, and possible approval of award of the lowest responsible bid to Belt Construction, Inc. and authorize execution of a construction contract for the County Line Trunk Sewer Phase IIA - Sanitary Sewer Improvements (Project No. 2154250)
- B. [25-433](#) Consideration, discussion, and possible approval of and authorization to execute a Professional Consultant Agreement with HDR Engineering, Inc. for Water and Wastewater System PFAS Compliance Study (Project No. 2554730)

**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

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**File #: 25-35, Version: 1**

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**Broken Arrow Municipal Authority  
Meeting of: 04-01-2025**

**Title:**

Approval of the Broken Arrow Municipal Authority Meeting Minutes of March 18, 2025

**Background:**

Minutes recorded for the Broken Arrow Municipal Authority Meeting.

**Cost:** None

**Funding Source:** None

**Requested By:** City Clerk's Office

**Approved By:** City Manager's Office

**Attachments:** March 18, 2025 Broken Arrow Municipal Authority Minutes

**Recommendation:**

Approve the minutes of the March 18, 2025 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, March 18, 2025**

**Council Chambers**

**1. Call to Order**

The meeting was called to order at 7:43 p.m. by Chairperson Debra Wimpee.

**2. Roll Call**

**Present: 4 -** David Pickel, Lisa Ford, Johnnie Parks, Debra Wimpee

**Absent: 1 -** Justin Green

**3. Consideration of Consent Agenda**

- A. 25-33 **Approval of the Broken Arrow Municipal Authority Meeting Minutes of February 25, 2025**
- B. 25-34 **Approval of the Broken Arrow Municipal Authority Meeting Minutes of March 04, 2025**
- C. 25-340 **Award the most advantageous bids to J & J Bowers Lawn Care for the North Side areas and Prodigy Lawn & Landscape for the South Side areas. Designate Oklahoma Extreme Landscaping and Pressure Worx as alternate vendors to ensure service continuity as needed**
- D. 25-290 **Approval of and authorization to execute purchase of one (1) Wave Side Travis End Dump Trailer from Great Western Trailer for the Water Treatment & Wastewater Treatment Facility pursuant of Oklahoma State Contract# SW0198 and authorize execution of Fiscal Year 2025 budget transfer**
- E. 25-330 **Ratification of the Claims List Check Register Dated March 10, 2025**

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

**Move to approve the Consent Agenda**

The motion carried by the following vote:

**Aye: 4 -** David Pickel, Lisa Ford, Johnnie Parks, Debra Wimpee

**4. Consideration of Items Removed from Consent Agenda - NONE**

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

- A. 25-354 **Presentation of new utility billing and customer portal software named VXSmart by VertronixOne and discussion of its implementation**

Utilities Director Timothy Robins introduced Item 25-354, the new VX Smart customer utility portal by Vertex One, an advanced online platform replacing the current payment system. This new system will provide customers with real-time access to water usage data,

bill payment options, leak detection alerts, and water consumption analytics. The initiative stems from a multi-year investment in upgrading AMR/AMI meters, with 42,000 smart meters now installed across the city, transmitting data via 28 gateways to the Neptune 360 system, reducing the need for manual meter readings.

The new VX Smart dashboard will allow customers to track water usage down to hourly intervals, compare consumption to average and efficient households, and receive leak detection alerts to help conserve water and save money. Customers will also have access to water conservation tools, troubleshooting resources, and estimated usage projections. Robbins emphasized the groundbreaking nature of this platform, making Broken Arrow the first city in Oklahoma to offer such detailed, real-time water monitoring. The official rollout is set for May 5, with a public awareness campaign to highlight its benefits.

Director of Communications Aaron McColloch provided an update on the VX Smart customer utility portal rollout, confirming the official launch date of May 5. Public outreach has already begun, with City Manager Michael Spurgeon discussing the initiative on KRMG. Additional efforts include Vice Mayor Parks addressing it on City Council Rewind, followed by a detailed community article the next day.

In late April, a full-scale awareness campaign will begin, featuring a FAQ section, website updates, and video tutorials to help customers navigate the new system. After the launch, continuous support and additional resources from VX Smart will be available. McCulloch, who personally benefited from the system by detecting a water leak, emphasized its significant advantages for residents, including real-time usage tracking and leak detection. He welcomed any questions about the communication strategy and public rollout efforts.

Council members expressed enthusiasm for the May 5 rollout of the VX Smart customer utility portal, emphasizing its benefits for monitoring water usage, detecting leaks, and managing utility costs. The timing is ideal as residents prepare for increased water use in the summer, such as pool filling and lawn watering. While the system is limited to City of Broken Arrow Water and does not cover rural water districts, it will provide valuable tools for those eligible, including real-time alerts for leaks and excessive water use.

Discussions highlighted the system's cost-saving potential, particularly in detecting small, unnoticed leaks, such as a toilet flapper malfunction, which could significantly increase a water bill. The portal's transparency was praised, as it allows users to track real-time consumption, potentially reducing social media complaints about billing issues.

The new platform will replace the current online payment system while maintaining existing payment options, including paper billing, in-person payments, and auto-pay transitions. Residents are encouraged to register on the portal to ensure their billing information transitions smoothly. The Broken Arrow app will also integrate the portal, allowing users to manage their utility accounts more conveniently.

Lighter moments in the discussion included a joke about spending a summer watering tomatoes without getting any and a humorous remark about monitoring household water usage at 2 a.m. The council concluded with excitement about the increased transparency and cost-saving benefits the portal will provide to residents.

## **6. General Authority Business - NONE**

## **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 7:57 p.m.

MOTION: A motion was made by Lisa Ford, seconded by Johnnie Parks  
**Move to adjourn**

The motion carried by the following vote:

**Aye: 4 -** David Pickel, Lisa Ford, Johnnie Parks, Debra Wimpee

\_\_\_\_\_  
Chairperson

\_\_\_\_\_  
Secretary



# City of Broken Arrow

## Request for Action

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**File #: 25-399, Version: 1**

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**Broken Arrow Municipal Authority  
Meeting of: 04-01-25**

**Title:**

Acknowledgement of submittal of the Broken Arrow Municipal Authority's Solid Waste and Recycling Report for February 2025

**Background:**

February 2025 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 - February 2025

**Recommendation:**

Acknowledgement of submittal of the Broken Arrow Municipal Authority's Solid Waste and Recycling report for February 2025

## SOLID WASTE & RECYCLING MONTHLY REPORT FEBRUARY 2025

**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	6:10pm	5:48pm	6:44pm
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	5:38pm	4:56pm	5:53pm

**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	3113.63	2964.74	2344.79
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	510.20	436.94	376.58

**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	96	94	78

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	817	793	827	864	869

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	324406	356932	304616	342557	342346	229461

**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	70	88	85
Trash Cart Return	17	12	8	12	9	17	8	15	20	11	10	13	8	9	22	4
Recycle Cart Delivery	71	76	67	89	72	65	95	100	119	101	77	98	82	77	65	75
Recycle Cart Return	16	5	12	8	13	23	13	7	19	14	10	9	8	12	14	7

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	74	19	70
Lids	3	0	4	2	2	5	1	1	2	2	3	5	4	5	5	4
Axel	0	0	1	1	0	1	7	0	3	1	2	0	2	7	1	2
Bar	6	3	6	1	0	21	12	2	18	5	12	6	4	5	7	0

**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	65	41	32
Voucher Used			11	24	76	81	85	85	70	74	75	86	91	60	42	28



# City of Broken Arrow

## Request for Action

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**File #: 25-442, Version: 1**

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**Broken Arrow Municipal Authority  
Meeting of: 04-01-2025**

**Title:**

Acknowledgement of submittal of the Broken Arrow Municipal Authority's Water Supply Report for the month of February 2025

**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 February was 9.6 MGD. Total water treated at the plant up to the end of February was 268.4 million gallons (MG). Total water purchased from Tulsa for the month of February was 0.2 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-February 2025  
Monthly Operational Report-February 2025

**Recommendation:**

Acknowledge submittal of the February 2025 Monthly Water Supply Report

## Total Water Usage - 2025

Day\Mon	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	8.5	9.0										
2	8.5	9.3										
3	9.2	9.5										
4	8.5	9.2										
5	8.3	8.6										
6	9.6	8.6										
7	10.1	9.3										
8	9.2	8.7										
9	9.3	9.1										
10	9.2	9.1										
11	10.2	8.4										
12	9.9	8.7										
13	10.6	9.2										
14	9.5	9.3										
15	9.4	8.9										
16	9.6	9.7										
17	9.1	9.7										
18	8.8	9.7										
19	9.6	10.7										
20	9.7	10.5										
21	9.9	10.9										
22	10.1	10.8										
23	10.2	11.3										
24	9.3	11.1										
25	9.5	10.0										
26	9.4	9.8										
27	10.0	9.9										
28	9.3	9.4										
29	9.0											
30	9.1											
31	8.7											
<b>Mon. Total</b>	<b>291.3</b>	<b>268.4</b>										

Plant Avg. Day	9.4	9.6										
Monthly Purchase		0.2										
Total Month	291.3	268.6										
Total Avg. Day	9.4	9.6										
Monthly to RWD4												

Verdigris Finished Water YTD (MG):	559.7	<i>Plant Annual Max. Day (MGD):</i>	<b>11.3</b>
Tulsa Purchase Water YTD (MG) <sup>(1)</sup> :	0.2	<i>Plant Annual Avg. Day (MGD):</i>	9.5
Total Finished Water (MG):	559.9	<i>Plant Annual Min. Day (MGD):</i>	<b>8.3</b>
		<b>Total System Annual Avg. Day (MGD):</b>	<b>9.5</b>

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

Prepared by: Justin Prock  
Assistant Water Plant Manager  
3/24/2025



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	11.21	8.52	8.92		0.59
2	11.16	10.52	9.38		0.57
3	11.13	9.71	9.48		0.54
4	11.15	9.25	9.07		0.45
5	11.14	9.49	8.67		0.44
6	11.13	7.94	8.57		0.44
7	11.12	9.34	9.28		0.44
8	11.10	8.32	8.71		0.50
9	10.42	9.48	9.05		0.76
10	0.00	9.69	9.08		0.49
11	0.00	8.68	8.44		0.28
12	0.00	9.20	8.60		0.81
13	0.00	8.66	9.10		0.73
14	10.85	9.40	9.31		0.65
15	11.22	8.71	8.88		0.51
16	11.20	10.13	9.58		0.51
17	11.20	10.18	9.84		0.52
18	11.17	9.87	9.66		0.52
19	11.12	10.57	10.65		0.54
20	11.10	9.96	10.53		0.68
21	11.10	10.98	10.74		1.01
22	11.11	11.77	10.92		0.90
23	11.16	11.94	11.21		0.68
24	11.16	11.52	10.96		0.67
25	11.15	10.82	10.08		0.55
26	11.16	10.17	9.76		0.54
27	11.17	10.71	9.89		0.54
28	11.19	9.06	9.36		0.52
29					
30					
31					
<b>TOTAL</b>	<b>266.62</b>	<b>274.60</b>	<b>267.69</b>	<b>0.00</b>	<b>16.41</b>
AVG	9.52	9.81	9.56	#DIV/0!	0.59
MAX	11.22	11.94	11.21	0.00	1.01
MIN	0.00	7.94	8.44	0.00	0.28

<b>TOTAL CHEMICAL COST:</b>		<b>\$77,049</b>		
Cost Per MG Treated	\$280.58	Cost Per MG Delivered	\$287.82	
Million Gallons Treated	274.60	Million Gallons Delivered	267.69	

**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	5,773	404.12	73.7	77.19	25.4	49.23	413	2306.58	71.0	185.05	16.5	29.97
2	6,205	434.33	79.3	83.09	25.3	48.99	449	2508.88	76.3	198.86	17.7	32.26
3	6,455	451.84	82.2	86.19	25.2	48.85	466	2601.41	79.1	206.18	18.4	33.46
4	5,929	415.01	74.3	77.85	25.3	48.92	420	2348.68	71.6	186.66	16.6	30.22
5	6,267	438.67	76.5	80.20	25.3	48.90	433	2417.07	73.8	192.25	17.1	31.13
6	5,577	390.41	67.8	71.09	25.3	48.86	382	2135.05	65.6	170.90	15.2	27.60
7	6,528	456.99	80.1	84.00	25.2	48.80	456	2548.82	77.2	201.14	17.9	32.61
8	5,963	417.41	72.8	76.25	25.2	48.72	409	2285.79	70.3	183.12	16.3	29.60
9	6,063	424.41	73.8	77.39	22.9	44.22	418	2335.48	71.2	185.67	16.5	30.05
10	6,494	454.61	79.3	83.16	0.0	0.00	450	2514.02	76.5	199.40	17.7	32.28
11	5,609	392.66	68.1	71.37	0.0	0.00	383	2141.62	65.9	171.76	15.2	27.71
12	6,246	437.23	76.9	80.60	0.0	0.00	437	2440.67	74.1	193.25	17.2	31.29
13	5,834	408.37	74.3	77.91	0.0	0.00	419	2343.97	71.7	186.91	16.6	30.26
14	6,030	422.10	79.2	83.02	25.4	49.17	447	2497.29	76.2	198.71	17.7	32.23
15	5,970	417.92	74.2	77.74	25.4	49.24	416	2323.13	71.5	186.36	16.6	30.18
16	6,301	441.08	78.3	82.11	25.4	49.17	441	2464.99	75.5	196.67	17.5	31.87
17	6,857	479.97	84.7	88.77	25.4	49.14	487	2721.95	82.4	214.63	19.1	34.88
18	6,298	440.85	77.9	81.62	25.3	49.01	454	2539.17	76.4	199.18	17.7	32.30
19	7,077	495.42	90.6	94.92	25.2	48.81	532	2974.24	88.6	231.03	20.6	37.56
20	6,519	456.35	83.0	87.03	25.2	48.74	487	2719.68	81.4	212.27	18.9	34.44
21	7,235	506.43	92.5	96.99	25.2	48.72	540	3018.76	90.5	235.84	21.1	38.38
22	6,581	460.64	85.3	89.44	25.2	48.78	510	2847.85	85.1	221.90	19.8	36.07
23	7,040	492.78	94.1	98.57	25.3	48.99	558	3116.13	93.7	244.30	21.8	39.78
24	6,531	457.18	85.3	89.44	25.3	48.96	512	2860.05	86.3	225.03	20.1	36.59
25	6,173	432.14	80.9	84.83	25.3	48.95	474	2646.10	80.4	209.47	18.6	33.97
26	6,480	453.57	84.4	88.48	25.3	49.00	488	2725.55	82.5	215.10	19.2	34.89
27	6,485	453.94	81.9	85.82	25.3	49.02	476	2658.06	80.3	209.32	18.6	33.95
28	6,365	445.53	75.9	79.49	25.4	49.12	439	2454.84	74.6	194.46	17.3	31.46
29												
30												
31												
TOTAL	176,885	12,382	2,228	2,335	605	1,170	12,795	71,496	2,170	5,655	503	917
AVG	6,317	442.21	80	83.38	22	41.80	457	2553.42	77	201.98	18	32.75
MAX	7,235	506.43	94	98.57	25	49.24	558	3116.13	94	244.30	22	39.78
MIN	5,577	390.41	68	71.09	0	0.00	382	2135.05	66	170.90	15	27.60
COST	\$6,809.02		\$4,034.46		\$8,636.85		\$50,047.08		\$4,750.54		\$2,771.10	
\$/MG	\$24.80		\$14.69		\$31.45		\$182.25		\$17.30		\$10.09	

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

Month: February  
 Year: 2025

Date	pH (by Continuous Reading Analyzers)				Hardness and Alkalinity - Finished Water Grab Samples							CaCO <sub>3</sub> Stability
	Membrane Filtrate		Finished Water		Hardness (ppm)		Alkalinity (ppm as CaCO <sub>3</sub> )					
	Daily Max	Daily Min	Daily Max	Daily Min	AM	PM	Phenol AM	Phenol PM	Total AM	Total PM		
1	7.0	7.0	8.0	8.0	196.00	197.00	0.00	0.00	115.00	116.00	3.00	
2	7.0	7.0	8.0	8.0	205.00	203.00	0.00	0.00	116.00	117.00	8.00	
3	7.0	7.0	8.0	8.0	202.00	198.00	0.00	0.00	121.00	115.00	4.00	
4	7.0	7.0	8.1	8.0	200.00	206.00	0.00	0.00	116.00	120.00	4.00	
5	7.0	7.0	8.1	8.1	207.00	207.00	0.00	0.00	122.00	117.00	7.00	
6	7.0	7.0	8.1	8.1	210.00	210.00	0.00	0.00	118.00	119.00	11.00	
7	7.0	7.0	8.1	8.1	209.00	207.00	0.00	0.00	119.00	118.00	6.00	
8	7.0	7.0	8.1	8.1	218.00	214.00	0.00	0.00	119.00	119.00	5.00	
9	7.0	7.0	8.1	8.1	214.00	215.00	0.00	0.00	122.00	122.00	4.00	
10	7.0	7.0	8.2	8.1	213.00	214.00	0.00	0.00	118.00	120.00	13.00	
11	7.0	7.0	8.2	8.1	222.00	218.00	0.00	0.00	124.00	123.00	10.00	
12	7.7	7.0	8.2	8.1	217.00	219.00	0.00	0.00	120.00	122.00	9.00	
13	7.6	7.6	8.2	8.2	220.00	219.00	0.00	0.00	123.00	120.00	7.00	
14	7.7	7.6	8.3	8.2	224.00	214.00	0.00	0.00	121.00	121.00	8.00	
15	7.6	7.6	8.2	8.2	220.00	220.00	0.00	0.00	122.00	121.00	8.00	
16	7.6	7.6	8.2	8.2	218.00	223.00	0.00	0.00	119.00	120.00	6.00	
17	7.6	7.6	8.2	8.2	227.00	224.00	0.00	0.00	124.00	121.00	7.00	
18	9.8	7.6	8.2	8.2	224.00	225.00	0.00	0.00	122.00	120.00	0.00	
19	8.0	8.0	8.2	8.2	228.00	227.00	0.00	0.00	124.00	123.00	8.00	
20	8.0	8.0	8.2	8.2	223.00	227.00	0.00	0.00	123.00	124.00	5.00	
21	8.0	8.0	8.2	8.2	228.00	229.00	0.00	0.00	120.00	121.00	5.00	
22	8.0	8.0	8.2	8.2	228.00	231.00	0.00	0.00	122.00	122.00	6.00	
23	8.1	8.0	8.2	8.2	232.00	229.00	0.00	0.00	122.00	123.00	8.00	
24	8.1	8.0	8.2	8.2	229.00	236.00	0.00	0.00	122.00	126.00	5.00	
25	8.0	8.0	8.2	8.2	228.00	231.00	0.00	0.00	121.00	122.00	12.00	
26	8.1	8.0	8.3	8.2	236.00	234.00	0.00	0.00	126.00	125.00	10.00	
27	8.1	8.0	8.3	8.3	232.00	234.00	0.00	0.00	122.00	122.00	10.00	
28	8.1	8.0	8.3	8.3	228.00	235.00	0.00	0.00	125.00	123.00	13.00	
29												
30												
31												
AVG					219	220	0	0	121	121	7	
MAX	9.8	8.0	8.3	8.3	236	236	0	0	126	126	13	
MIN	7.0	7.0	8.0	8.0	196	197	0	0	115	115	0	

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	0.09	0.02	3.36	3.25	3.26	3.29	3.20	3.32
2	0.02	0.02	0.02	0.02	0.04	0.02	3.37	3.37	3.40	3.39	3.36	3.36
3	0.02	0.02	0.02	0.02	0.02	0.02	3.35	3.32	3.39	3.38	3.36	3.37
4	0.02	0.02	0.02	0.02	0.02	0.02	3.31	3.34	3.33	3.34	0.00	3.26
5	0.02	0.02	0.02	0.02	0.02	0.02	3.32	3.35	3.34	3.34	3.34	3.34
6	0.02	0.02	0.02	0.02	0.02	0.02	3.25	3.30	3.28	3.27	3.26	3.25
7	0.02	0.02	0.02	0.02	0.02	0.02	3.26	3.27	3.29	3.31	3.30	3.29
8	0.02	0.02	0.02	0.02	0.02	0.02	3.24	3.22	3.21	3.20	3.19	3.22
9	0.02	0.02	0.02	0.02	0.02	0.02	3.27	3.26	3.27	3.25	3.25	3.26
10	0.02	0.02	0.02	0.02	0.02	0.02	3.29	3.29	3.31	3.33	3.31	3.30
11	0.02	0.02	0.02	0.02	0.02	0.02	3.29	3.29	3.27	3.27	3.29	3.28
12	0.02	0.03	0.02	0.02	0.04	0.02	3.29	3.29	3.32	3.34	3.35	3.33
13	0.02	0.02	0.02	0.02	0.02	0.02	3.28	3.27	3.27	3.27	3.27	3.27
14	0.02	0.02	0.02	0.02	0.02	0.02	3.17	3.28	3.25	3.23	3.20	3.19
15	0.02	0.02	0.02	0.02	0.02	0.02	3.31	3.17	3.17	3.23	3.24	3.27
16	0.02	0.02	0.02	0.02	0.02	0.02	3.36	3.30	3.37	3.38	3.36	3.36
17	0.02	0.02	0.02	0.02	0.02	0.02	3.44	3.35	3.37	3.39	3.41	3.43
18	0.02	0.02	0.02	0.02	0.02	0.02	3.41	3.46	3.47	3.48	3.45	3.43
19	0.02	0.02	0.02	0.02	0.02	0.02	3.48	3.40	3.41	3.44	3.46	3.48
20	0.02	0.02	0.02	0.03	0.02	0.02	3.50	3.47	3.47	3.49	3.49	3.49
21	0.02	0.02	0.02	0.02	0.02	0.02	3.56	3.51	3.51	3.52	3.54	3.56
22	0.02	0.02	0.02	0.02	0.02	0.02	3.43	3.54	3.49	3.46	3.44	3.43
23	0.02	0.02	0.02	0.03	0.02	0.02	3.29	3.43	3.42	3.39	3.35	3.32
24	0.02	0.02	0.02	0.02	0.02	0.02	3.27	3.26	3.28	3.28	3.25	3.27
25	0.02	0.02	0.02	0.02	0.02	0.02	3.24	3.25	3.24	3.25	3.25	3.25
26	0.02	0.02	0.02	0.02	0.02	0.02	3.21	3.19	3.24	3.22	3.22	3.21
27	0.02	0.02	0.02	0.02	0.02	0.02	3.24	3.26	3.28	3.24	3.27	3.25
28	0.02	0.02	0.02	0.02	0.02	0.02	3.28	3.24	3.25	3.29	3.29	3.28
29												
30												
31												
<b>AVG</b>	<b>0.02</b>	<b>0.02</b>	<b>0.02</b>	<b>0.02</b>	<b>0.02</b>	<b>0.02</b>	<b>3.3</b>	<b>3.3</b>	<b>3.3</b>	<b>3.3</b>	<b>3.2</b>	<b>3.3</b>
<b>MAX</b>	0.02	0.03	0.02	0.03	0.09	0.02	3.6	3.5	3.5	3.5	3.5	3.6
<b>MIN</b>	0.02	0.02	0.02	0.02	0.02	0.02	3.2	3.2	3.2	3.2	0.0	3.2

**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: 168

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	8,920	30	0.40	0.22	0.56	0.68	0.85
2	9,384	32	0.41	0.37	0.28	0.77	0.68
3	9,478	33	0.42	0.51	0.37	0.92	0.76
4	9,065	30	0.40	0.44	0.45	0.86	0.81
5	8,668	31	0.43	0.40	0.47	0.82	0.92
6	8,573	28	0.39	0.36	0.34	0.70	0.79
7	9,276	33	0.42	0.49	0.50	0.88	0.85
8	8,706	30	0.41	0.43	0.50	0.75	0.84
9	9,046	30	0.40	0.40	0.36	0.83	0.82
10	9,078	32	0.43	0.41	0.40	0.67	0.81
11	8,440	28	0.39	0.35	0.41	0.76	0.86
12	8,601	31	0.44	0.23	0.45	0.74	0.91
13	9,100	30	0.40	0.14	0.48	0.78	1.00
14	9,305	32	0.42	0.47	0.21	0.57	0.68
15	8,884	30	0.41	0.51	0.44	1.01	0.68
16	9,577	32	0.40	0.32	0.33	0.91	0.79
17	9,837	35	0.43	0.39	0.39	0.79	0.95
18	9,657	32	0.40	0.45	0.40	0.87	0.88
19	10,650	38	0.42	0.38	0.52	0.80	0.84
20	10,535	34	0.39	0.40	0.44	0.62	0.94
21	10,745	38	0.43	0.41	0.37	0.93	0.90
22	10,916	36	0.40	0.42	0.45	0.84	1.05
23	11,206	40	0.43	0.52	0.27	0.94	0.92
24	10,959	37	0.40	0.31	0.30	0.78	0.73
25	10,079	34	0.40	0.35	0.25	0.82	0.69
26	9,762	35	0.43	0.44	0.54	0.82	1.00
27	9,887	34	0.41	0.44	0.48	0.92	0.88
28	9,361	31	0.40	0.45	0.57	0.82	1.02
29							
30							
31							
Total	267,694	917					
Avg.	9,561	33	0.41	0.39	0.41	0.81	0.85

\*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 Lou Ann Dishar

Title: Water Plant Manager

City Broken Arrow

ODH Form No. 561 / DEQ Form 631-001

Notes:

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	11:50	708 W Waco St.	3.20	ME	1:10	6575 369th E.Ave.	3.00	ME
2	11:55	36500 E. 66th St. S.	2.10	R.M.	18:30	6057 S. 353rd E. Ave.	2.90	R.M.
3	8:58	2909 Montpelier St	3.00	ML	1:08	3706 Orange Cir	2.90	ML
4	9:25	4013 S. Palm	2.90	ML	12:42	1005 N.Willow Ave.	3.10	ML
5	9:37	1301 N. 53rd St.	3.00	ML	1:07	708 W. Waco St.	3.10	ML
6	11:26	1903 W. Rockport	3.20	ML	3:35	1817 S. Willow	2.80	ML
7	10:28	1701 N 28th St.	3.10	ML	13:03	4420 S Gum Ave.	3.00	ML
8	11:38	612 N. Date Ave.	3.10	T.R.	12:05	2700 N. 7th St.	3.30	T.R.
9	11:25	36500 E. 66th St. S.	3.30	J.B.	18:20	6057 S. 353rd E. Ave.	3.20	J.B.
10	9:50	515 W. Quanah Pl.	3.30	ML	12:29	605 S. Elder Ave.	3.00	ML
11	9:27	7900 E. Norman St.	2.80	ML	1:16	1729 S. Pine Ave.	3.60	ML
12	11:27	1200 E. Dover St.	3.10	ML	1:05	708 W. Waco St.	3.10	ML
13	10:58	4608 W. Eagle Pass St.	3.00	ML	12:46	702 E. Mason Dr	3.10	ML
14	08:49	6601 S. Elder Ave.	3.10	M.L.	13:34	200 S. Walnut Ave.	2.70	M.L.
15	11:40	2513 E Dallas St.	3.20	ME	12:10	605 S Elder Ave.	3.10	ME
16	11:52	36500 E. 66th St. S.	3.40	R.M.	14:50	2400 E. Kenosha St.	2.50	R.M.
17	11:55	7213 S. Dennis Blvd.	3.00	J.B.	12:55	5005 S. Lions Ave.	3.30	J.B.
18	6:52	2100 W. New Orleans St	2.90	AR	12:07	2400 E. Kenosha St	2.20	AR
19	9:32	7272 S.240th E. Ave	3.20	AR	1:16	4703 S. Elm PL	2.70	AR
20	10:20	1900 E. Hillside Dr.	2.30	M.L.	13:33	3502 W. Kenosha St.	2.80	M.L.
21	8:40	1050 E. Albany St.	2.20	AR	1:33	515 W Quanah Pl	3.10	AR
22	11:25	2401 W. Omaha St.	3.20	T.R.	12:14	411 W. Broadway Ave.	3.50	T.R.
23	11:55	2909 E. Montpelier St.	3.50	R.M.	12:30	2101 W. Gary St.	3.50	R.M.
24	9:04	7213 S. Dennis Blvd.	3.20	ML	12:16	1729 S. Pine Ave	3.10	ML
25	10:02	13725 S. 124th E. Ave.	3.60	A.R.	13:01	1903 W. Rockport Pl.	3.60	A.R.
26	8:54	4121 E. Omaha St.	2.80	ML	12:54	12314 E. 126th Pl.	2.90	ML
27	08:51	3706 S. Orange Circle	2.60	M.L.	13:03	100 W. Albany St.	3.10	M.L.
28	09:57	601 W. Los Angeles St.	3.20	M.L.	12:54	724 N. Birch Ave.	3.20	M.L.

Average 3.02  
Min. 2.10  
Max. 3.60

Average 3.05  
Min. 2.20  
Max. 3.60



# City of Broken Arrow

## Request for Action

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**File #: 25-443, Version: 1**

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**Broken Arrow Municipal Authority  
Meeting of: 04-01-2025**

**Title:**

Acknowledgement of submittal of the Broken Arrow Municipal Authority's Wastewater Discharge Monitoring Report for the month of February 2025

**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 February 2025 Oklahoma Department of Environmental Quality (ODEQ) Discharge Monitoring Report (DMR) submitted to ODEQ on March 14, 2025.

Over the course of the month of February 2025, the total wastewater collected, treated and discharged was 169.693 million gallons (MG). The average daily effluent flow was 4.879 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:** February Discharge Monitoring Report  
February Monthly Operational Report

**Recommendation:**

Acknowledge submittal of the February 2025 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:** NESESE11T17NR14EIM  
 Broken Arrow, OK 74013

**PERMIT NUMBER:** OK0040053

**MONITORING POINT:** 001A

**COUNTY:** Tulsa

**Monitoring Period:** 2025-02-01 To: 2025-02-28

**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	86.57	*****	26 lbs/day	*****	2.10	2.18	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
PH	Sample Measurement	*****	*****		7.1	*****	7.3	12 S.U.	0	Daily	GRAB
PARAM CODE: 00400 Stage Code: 1 Effluent Gross	Permit Requirement	*****	*****		6.5 Minimum	*****	9.0 Maximum				Daily
SOLIDS, TOTAL SUSPENDED	Sample Measurement	82.59	*****	26 lbs/day	*****	2.00	2.00	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
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	Sample Measurement	4.879	5.762	03 MGD	*****	*****	*****		0	Daily	TOTALZ
PARAM CODE: 50050 Stage Code: 1 Effluent Gross	Permit Requirement	Report Monthly Average	Report Maximum Daily		*****	*****	*****				Daily
CHLORINE, TOTAL RESIDUAL	Sample Measurement	*****	*****		*****	*****	< 0.03	19 mg/l	0	Daily	GRAB
PARAM CODE: 50060 Stage Code: A Disinfection, Process Complete	Permit Requirement	*****	*****		*****	*****	0.099 Instantaneous Maximum				Daily
E. COLI	Sample Measurement	*****	*****		*****	17.3	86.0	30 MPN/100mL	0	Weekly	GRAB
PARAM CODE: 51040 Stage Code: 1 Effluent Gross	Permit Requirement	*****	*****		*****	630 Geometric Mean	2030 Maximum Daily				Weekly
SOLIDS, TOTAL DISSOLVED-180 DEG.C	Sample Measurement	22608	*****	26 lbs/day	*****	535	535	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

Name/Title of Principal Executive Officer Or Authorized Agent  WRF Manager	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
		David Handy	539-367-5873

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

Oklahoma Department of Environmental Quality Discharge Monitoring Report (DMR)

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

PERMIT NUMBER: *OK0040053*

MONITORING POINT: 001A

COUNTY: Tulsa

Monitoring Period: 2025-02-01To: 2025-02-28

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	0.0021	*****	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				
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:** NESESE11T17NR14EIM  
 Broken Arrow, OK 74013

**PERMIT NUMBER:** OK0040053

**MONITORING POINT:** TX1A

**COUNTY:** Tulsa

**Monitoring Period:** 2025-02-01 To: 2025-02-28

**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 PARAM CODE: 00400 Stage Code: 1 Effluent Gross	Sample Measurement	*****	*****		*9	*****	*9	12 S.U.	0	Monthly	MEASRD
	Permit Requirement	*****	*****		Report Minimum Daily	*****	Report Maximum Daily			Monthly	MEASRD
NITROGEN, AMMONIA TOTAL (AS N) PARAM CODE: 00610 Stage Code: 1 Effluent Gross	Sample Measurement	*****	*****		*9	*9	*9	19 mg/l	0	Monthly	COMP24
	Permit Requirement	*****	*****		Report Minimum Daily	Report Monthly Average	Report Maximum Daily			Monthly	COMP24
WHOLE EFFLUENT TOXICITY PARAM CODE: 22414 Stage Code: 1 Effluent Gross	Sample Measurement	*****	*****		*9	*****	*****	23 %	0	Monthly	COMP24
	Permit Requirement	*****	*****		100 48 Hour Minimum	*****	*****			Monthly	COMP24
LC50 STATRE 48HR ACU PIMEPHALES PARAM CODE: TAM6C Stage Code: 1 Effluent Gross	Sample Measurement	*****	*****		*9	*****	*****	23 %	0	Monthly	COMP24
	Permit Requirement	*****	*****		Report 48 Hour Minimum	*****	*****			Monthly	COMP24
LC50 STATRE 48HR ACU P. PROMELAS PARAM CODE: TIM6C Stage Code: 1 Effluent Gross	Sample Measurement	*****	*****		*9	*****	*****	9A pass (0)/fail(1)	0	Monthly	COMP24
	Permit Requirement	*****	*****		Report 48 Hour Minimum	*****	*****			Monthly	COMP24
%MORTALITY 48HR ACUTE P. PROMELAS TEST PARAM CODE: TJM6C Stage Code: 1 Effluent Gross	Sample Measurement	*****	*****		*9	*****	*****	23 %	0	Monthly	COMP24
	Permit Requirement	*****	*****		Report 48 Hour Minimum	*****	*****			Monthly	COMP24
<b>Name/Title of Principal Executive Officer Or Authorized Agent</b>	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.							<b>Signature of Principal Executive Officer Or Authorized Agent</b>		<b>Telephone No</b>	
WRF Manager								David Handy		539-367-5873	

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





# City of Broken Arrow

## Request for Action

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**File #:** 25-409, **Version:** 1

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**Broken Arrow Municipal Authority  
Meeting of: 04/01/2025**

**Title:**

Approval of and authorization to declare certain Broken Arrow Municipal Authority owned vehicles and equipment as surplus and authorize the sale of those items at an online public auction

**Background:**

The Broken Arrow Municipal Authority replaces certain equipment and assets when they reach the end of their useful lifecycles, at which point the cost of ownership exceeds their benefit to the community. The items listed in the attachment have reached this stage due to age, usage, or obsolescence. Upon the Authority's approval, an online auction will be held in partnership with Purple Wave to dispose of these surplus items.

Purple Wave will handle all advertising, in compliance with state statute, as well as photography, item descriptions, and other services associated with the online listing. All items will be posted on their auction site for liquidation. This service is provided at no cost to the Authority, as compensation is included as a buyer fee on each item sold. Staff requests permission to dispose of or recycle any unclaimed, defaulted, or unsold items 60 days after the auction closes.

Oklahoma State Statute allows for online auctions as a means of liquidating such assets, and this approach has proven to be both cost-effective and efficient.

**Cost:** \$0

**Funding Source:** N/A

**Requested By:** Ryan Baze, Director of Maintenance Services

**Approved By:** City Manager's Office

**Attachments:** Fall Auction 2024

**Recommendation:**

Approve and authorize declaration of certain Broken Arrow Municipal Authority owned vehicles and equipment as surplus and authorize the sale of those items at an online public auction.

UNIT	SERIAL NUMBER	DEPARTMENT CODE	DEPARTMENT NAME	DESCRIPTION	
					<b>VEH</b>
1562	1HTWGAAT5GH029979	5010		Solid Waste & Recycling	
0189	1HTSHAAR62H533661	5010		Solid Waste & Recycling	
1101	1FVHCYBSXBDAZ8187	5010		Solid Waste & Recycling	
1335	1FVHCYBS2DHFF4786	5010		Solid Waste & Recycling	
1560	1HTWGAAT1GH029977	5010		Solid Waste & Recycling	
1561	1HTWGAAT3GH029978	5010		Solid Waste & Recycling	
1563	1HTWGAAT8GH002730	5010		Solid Waste & Recycling	
1564	1HTWGAAT8GH002730	5010		Solid Waste & Recycling	
1565	1HTWGAAT1GH002732	5010		Solid Waste & Recycling	
1912	JHHHDM2H5KK003546	5010		Solid Waste & Recycling	
1440	1FTMF1CF6EKD69799	5403		Utilities-Water R&C	
0353	1GTEC14V43Z284449	5305		SSW-Stormwater	
0808	NO VIN IN TYLER	5305		SSW-Stormwater	
					<b>EQUI</b>
0852	N8M481990	5403		Utilities-Water R&C	
1051	AAC811671	5305		SSW-Stormwater	
0373	CAT0416DKBFP09757	5305		SSW-Stormwater	
1407	313000204	5305		SSW-Stormwater	
1408	1POHX15EHDT058741	5305		SSW-Stormwater	
					<b>MI</b>
2075	N/A	5305		SSW-Stormwater	
N/A	N/A	5010		Solid Waste & Recycling	
N/A	N/A	5115		Building Maintenance	
N/A	N/A	5115		Building Maintenance	
1308		5120		Fleet	
20150	1802221 195944	5120		Fleet	
N/A	N/A	5120		Fleet	
N/A	N/A	5120		Fleet	
N/A	N/A	5210		Engineering-Stormwater	
N/A	N/A	5406		Utilities-Meter Reading	
					<b>VEH</b>
1448	1C6RR6FT2ES292478	1415		Community Engagement	
1319	1GNLC2E08DR190857	3001		Police	
1643	1FM5K8AR4GGB28394	3001		Police	
0760	4S7AT9D00SC016211	3501		Fire	
776	1GCGK34KOJE175178	3501		Fire	
0516	1D7HU18D75S265505	3503		Fire	
0151	1GNFK16T61J279579	6000		Parks	
					<b>EQUI</b>
0634	7052901737	6000		Parks	
07128	N/A	3501		Fire	
1085	N/A	3501		Fire	
					<b>MI</b>
N/A	14289	3001		Police	
N/A	0908B126	3001		Police	
N/A	N/A	3001		Police	
N/A	N/A	3001		Police	

N/A	N/A	3001	Police
N/A	N/A	3001	Police
NA	N/A	3001	Police
N/A	N/A	3501	Fire
NA	N/A	3501	Fire
N/A	N/A	5300	SSW-Streets
N/A	N/A	1200	IT
N/A	N/A	1200	IT
N/A	N/A	1200	IT
N/A	N/A	1200	IT
N/A	N/A	1400	Community Development
N/A	N/A	1400	Community Development
N/A	N/A	1400	Community Development

DESCRIPTION		QUANTITY OPERABLE BAMA/GENERAL		
<b>ICLES</b>				
	2016 IHC TRUCK SANITATION	1	N	BAMA
	2001 IHC GRAPPLE LOADER	1	Y	BAMA
	2011 FRE TRUCK SANITATION	1	N	BAMA
	2013 FRE TRUCK SANITATION	1	N	BAMA
	2016 IHC TRUCK SANITATION	1	N	BAMA
	2016 IHC TRUCK SANITATION	1	N	BAMA
	2016 IHC TRUCK SANITATION	1	N	BAMA
	2016 IHC TRUCK SANITATION	1	N	BAMA
	2016 IHC TRUCK SANITATION	1	N	BAMA
	2019 HINO SANITATION PUP TRUCK	1	N	BAMA
	2014 FORD F150 PICKUP	1	N	BAMA
	2003 CHEVROLET C1500 TRUCK PICKUP	1	Y	BAMA
	2008 IHC DUMP TRUCK	1	U	BAMA
<b>PMENT</b>				
	2008 CASE 430 WHEELED LOADER	1	Y	BAMA
	2010 MEL EXCAVATOR	1	U	BAMA
	2003 CAT BACKHOE	1	Y	BAMA
	2013 TORO MOWER	1	Y	BAMA
	2013 JOHN DEERE MOWER BRUSH	1	Y	BAMA
<b>ISC.</b>				
	GRAY UTILITY TRAILER	1		BAMA
	SMALL UTILITY SHED APPROXIMATELY 6x8	1		BAMA
	PLANER	1		BAMA
	JOINTER	1		BAMA
	25 TON MOWHAWK VEHICLE LIFT	1		BAMA
	2020 VANAIR 700A JUMP STARTER	1		BAMA
	LARGE 15 DRAWER TOOL CHEST	1		BAMA
	AMMCO BRAKE LATHE	1		BAMA
	NIKON COOLPIX L110	1		BAMA
	TRIMBLE NOMAD HAND HELDS WITH CHARGERS	10		BAMA
<b>ICLES</b>				
	2014 DODGE D1500 TRUCK PICKUP	1	N	GENERAL
	2013 CHEVROLET TAHOE SUV POLICE	1	N	GENERAL
	2016 FOR EXPLORER SUV POLICE	1	U	GENERAL
	1995 SME TRUCK ARIEL FIRE	1	Y	GENERAL
	1988 CHEVY C3500 TRUCK	1	Y	GENERAL
	2005 DODGE D1500 TRUCK PICKUP	1	U	GENERAL
	2001 SUBURBAN	1	Y	GENERAL
<b>PMENT</b>				
	JACOBSEN HR9016 MOWER	1	Y	GENERAL
	POSITIVE PRESSURE GAS FAN	1	U	GENERAL
	POSITIVE PRESSURE GAS FAN	1	U	GENERAL
<b>ISC.</b>				
	PELICAN LIGHT TOWER	1		GENERAL
	RECON SCOUT ROBOT	1		GENERAL
	DELL PRINTER 5110CN	1		GENERAL
	FINGERPRINT ANALYZER	1		GENERAL

EXPEDITION BENCH SEATS	23	GENERAL
STAND FOR DRACO HEAD UNIT	1	GENERAL
LIFE FITNESS RECMUMBENT EXERCISE BIKE	1	GENERAL
MSA INFARED CAMERAS	6	GENERAL
MISC FIRE FITTINGS		GENERAL
CANVAS BUILDINGS	2	GENERAL
DELL COMPUTER MONITORS	15	GENERAL
DELL 5414 RUGGED LAPTOP	25	GENERAL
DELL 5424 RUGGED LAPTOP	17	GENERAL
DELL 3050 DESKTOP COMPUTERS	31	GENERAL
E BIKES	79	GENERAL
BIKE RACKS	35	GENERAL
ISC. BATTERIES, CHARGERS, TOOLS FOR E BIKES		GENERAL



# City of Broken Arrow

## Request for Action

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**File #: 25-450, Version: 1**

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**Broken Arrow Municipal Authority  
Meeting of: 04-01-2025**

**Title:**

Approval of and authorization to execute Amendment No. 2 to the Professional Consulting Agreement with Garver, LLC for the Bass Pro Booster Pump Station Rehabilitation (Project No. WL22020)

**Background:**

This project is for upgrades to the existing Bass Pro Booster Pump Station. This station is an older booster pump station in our system that provides the water to the First Baptist Elevated Storage Tank which feeds the High-Pressure Zone located around Bass Pro. The High-Pressure zone includes hotels, restaurants, a hospital, other businesses, and residents. With this station being older it is in need of new pumps, improved site security, as well as improved access to the site.

During construction of this project, it was determined that additional work is needed to complete the construction phase services and project closeout phase. The additional work includes additional construction submittal reviews, final project walk-throughs, as well as conformed record drawings. For this reason, the Engineering and Construction Department negotiated Amendment No. 2 to the Professional Consultant Agreement with Garver, LLC, to provide additional construction phase services and final record drawings for this project for a fee of \$10,000 for the Bass Pro Booster Pump Station Rehabilitation (WL22020).

**Cost:** \$10,000.00

**Funding Source:** OWRB Loan

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

**Approved By:** City Manager's Office

**Attachments:** Professional Consulting Agreement Amendment No. 2

**Recommendation:**

Approve and authorize execution of Amendment No. 2 to the Professional Consulting Agreement with Garver, LLC for the Bass Pro Booster Pump Station Rehabilitation (Project No. WL22020)

**AMENDMENT NO. 2  
TO  
AGREEMENT FOR PROFESSIONAL CONSULTING SERVICES  
BETWEEN  
BROKEN ARROW MUNICIPAL AUTHORITY  
AND  
GARVER, LLC**

**PROJECT NAME: BASS PRO BOOSTER PUMP STATION REHABILITATION PROJECT  
PROJECT NUMBER: WL22020**

THIS **AMENDMENT NO. 2** made and entered into this \_\_\_\_\_ day of \_\_\_\_\_ 2025, by and between the BROKEN ARROW MUNICIPAL AUTHORITY, OKLAHOMA, a municipal corporation of the State of Oklahoma, hereinafter referred to as "OWNER", and GARVER, hereinafter referred to as "CONSULTANT";

**WITNESSETH:**

**WHEREAS**, OWNER and CONSULTANT entered into an Agreement dated December 19, 2023 "ORIGINAL AGREEMENT" for services as set forth in said Agreement; and

**WHEREAS**, said ORIGINAL AGREEMENT requires CONSULTANT to provide the OWNER professional services to prepare Construction Documents for the rehabilitation of the booster pump station (PROJECT) located near Bass Pro.

**WHEREAS**, OWNER and CONSULTANT propose to amend said ORIGINAL AGREEMENT to expand the project scope and compensation to include Additional Construction Phase Services and Assistance in Developing Project Closeout Documents.

**WHEREAS**, the ORIGINAL AGREEMENT and Amendments No. 1 through No. 2 shall hereinafter collectively be referred to as the "AGREEMENT"; and

**WHEREAS**, funding is now available for said additional services; and

**WHEREAS**, CONSULTANT is prepared to provide said additional services identified in this Amendment.

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

**1. AMENDED PROJECT SCOPE.**

AMENDMENT 2 will change the total hourly not to exceed amount from \$10,000.00 to \$20,000.00 for TASK 2.5 BIDDING AND CONSTRUCTION PHASE SERVICES.

**2. CHANGE IN CONTRACT AMOUNT.**

As compensation for the additional work, OWNER shall pay CONSULTANT in accordance with the terms as a change in the contract amount as noted below.:

Original Contract Amount executed December 19, 2023	\$ 146,300.00
Amendment No. 1 – Additional Design Services	\$ 8,000.00
<u>Amendment No. 2 – Additional Construction Phase Services</u>	<u>\$ 10,000.00</u>
Revised Total Contract Amount	\$ 164,300.00

**3. AMENDED PROJECT SCHEDULE**

<b>Task Description</b>	<b>Schedule</b>
Additional Construction Phase Services	Completion of construction

**4. EFFECTIVE DATE AND AUTHORIZATION TO PROCEED.**

This Amendment No. 2 is effective upon signature of both parties.

Except as amended hereby, all terms of the Agreement shall remain in full force and effect without modification or change.

**IN WITNESS WHEREOF**, the parties have executed this AMENDMENT, in multiple copies on the respective dates herein below reflected.

**OWNER:**

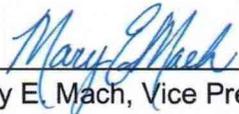
Broken Arrow Municipal Authority

By: \_\_\_\_\_  
Michael L. Spurgeon, General  
Manager

Date: \_\_\_\_\_

**CONSULTANT:**

Garver, LLC

By:  \_\_\_\_\_  
Mary E. Mach, Vice President

Date: March 19, 2025

(CORPORATE SEAL, IF APPLICABLE)

Attest: \_\_\_\_\_  
  
Secretary [Seal]

Date: \_\_\_\_\_

Attest:  \_\_\_\_\_  
Thomas M. Helvick, Project  
Manager

Date: March 19, 2025

Approved as to form:

D. Graham Parker  
OWNER Assistant City Attorney





# City of Broken Arrow

## Request for Action

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**File #: 25-445, Version: 1**

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**Broken Arrow Municipal Authority  
Meeting of: 04-01-2025**

**Title:**

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

**Background:**

The Broken Arrow Municipal Authority has authorized the City Manager, or his designee, by ordinance to execute contracts for the purchase of supplies, materials, and other services in accordance with the limitations prescribed by the City of Broken Arrow Purchasing manual or other procedures established by the City Manager. The Purchasing Manual establishes a limitation up to and including \$50,000.00 for the City Manager and, in turn, the City Manager has identified a limitation up to and including \$15,000.00 for the Assistant City Managers.

In an effort to keep the governing body and the public apprised of administration's contractual actions. Staff is submitting the following contracts, including professional consultant contracts and amendments, and public construction contracts not subject to the State of Oklahoma Public Competitive Bid Act, for notification purposes only No further action is required by the Governing Body.

The City Manager or Assistant City Managers have approved the following Professional Consultant Agreements:

1. Battle Creek 5.0 Million Gallon Tank Disinfection Services - Steward Tank Consulting, Inc.
2. New Orleans 1.0 Million Gallon Tower Cleaning Services - Steward Tank Consulting, Inc.

**Cost:** 1: \$2,499.00 - Disinfection Services - Steward Tank Consulting, Inc.  
2: \$27,450.00 - Cleaning Services - Steward Tank Consulting, Inc.

**Funding Source:** 1: Utilities O&M  
2: Utilities O&M

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

**Approved By:** City Manager's Office

**Attachments:**           1: Battle Creek 5.0 Million Gallon Tank Disinfection Services Agreement - Disinfection Services - Steward Tank Consulting, Inc.  
2: New Orleans 1.0 Million Gallon Tower Cleaning Services Agreement - Cleaning Services - Steward Tank Consulting, Inc.

**Recommendation:**  
No Action Required

**BROKEN ARROW MUNICIPAL AUTHORITY (BAMA)  
PROFESSIONAL SERVICES AGREEMENT  
BATTLE CREEK 5.0 MILLION GALLON TANK DISINFECTION**

**1. Professional Service Provider:**

- a. Name: Steward Tank Consulting, Inc.
- b. Telephone No.: 918-812-3006
- c. Address: 7476 N. 197<sup>th</sup> East Ave., Owasso, OK 74055

**2. Project Title and Location:** Battle Creek 5.0 Million Gallon Storage Tank Disinfection.

**3. Contract for:** Providing repair services associated with public works projects for the BAMA. Water Storage Tank Disinfection Services to include tank disinfection services and related support services. The Professional Service shall perform all duties, responsibilities and requirements set out in Attachment A hereto. The Professional Service Provider agrees that this repair service shall be treated as an important service to BAMA and also agrees to commit the time necessary to perform the professional services in a professional manner.

**4. Compensation:** Professional Service Provider shall be compensated at the hourly rate in accordance with a lump sum amount that is Not to Exceed Two Thousand Four Hundred Ninety-Nine and No/100 (\$2,499.00) for inspection services that will include water tank disinfection services. Additional services may be agreed to at a later date. The parties agree that the Professional Service Provider's position is not a traditional BAMA employee position; therefore, the foregoing constitutes all the benefits and other forms of compensation due the Professional Service Provider, acting in the role of an independent contractor, and therefore ineligible for all other benefits paid to regular full-time BAMA employees. The Professional Service Provider shall be responsible for his own vehicle expenses and any other indirect costs incurred in fulfilling the stated contract requirements. The Professional Service Provider agrees to abide by and comply with all of BAMA's Administrative Policies.

**5. Invoicing and Payment:** The Professional Service Provider shall submit invoices requesting payment for services rendered to BAMA monthly in accordance with actual progress of the work on each work item. The invoices shall be in a format satisfactory to BAMA. Payment will be made within 30 days following the first eligible BAMA meeting occurring after the date on the invoice.

**6. Time for Performance:** These duties, responsibilities and requirements shall begin upon the execution of this Contract and shall be completed within Ninety (90) calendar days after the date the Notice to Proceed is issued. BAMA will issue a Notice to Proceed for each item of work identified under this agreement, following mutual agreement between the Professional Service Provider and BAMA on the hours required for the work item.

**7. Insurance:** The Professional Service Provider shall acquire all insurance policies required for professional liability insurance, general liability, auto insurance, workers' compensation and/or health insurance. The Professional Service Provider shall provide proof of general

liability and professional liability insurance coverage to BAMA on or before the effective date of this Agreement.

During the performance of the services under this Professional Services Contract, the Professional Service Provider shall maintain the insurance coverage required below and BAMA shall be named as an Additional Insured on each required policy:

- (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.

**8. Indemnification:** The Professional Services Provider agrees to defend, indemnify, and hold harmless BAMA, 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 The Professional Services Provider, its agents or employees.

**9. Immigration Compliance:** The Professional Service Provider shall 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”).

**10. Governing Documents:** The parties agree to perform this contract in strict accordance with the clauses, provisions, and the documents identified as follows, all of which are made part of this contract. In the event of conflict, these documents shall be interpreted in the following order:

- a. This Contract
- b. Attachment A to this Contract
- c. Duly Authorized Amendments arising out of this Contract

**11. Electronic Signatures:**

The Parties agree this transaction may be completed by electronic means and an electronic signature on this Contract will be given the same legal effect as a handwritten signature and cannot be denied enforceability solely because is it in electronic form. If the Professional Services Provider signs this Contract electronically and/or submits documents electronically, the Professional Services Provider agrees to comply with BAMA’s requirements for submission of electronically signed and/or submitted documents.

**12. 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.

**13. Entirety of Agreement:** The foregoing Professional Services Contract supersedes all previous negotiations and may not be modified except by a written order executed by the parties hereto.

**14. Effective Date:** This Contract is effective shall be effective upon signature of both parties.

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**BROKEN ARROW MUNICIPAL AUTHORITY (BAMA)  
PROFESSIONAL SERVICES AGREEMENT  
BATTLE CREEK 5.0 MILLION GALLON TANK DISINFECTION**

**ATTACHMENT A**

**SP - 1.0 SCOPE OF THE PROJECT:**

1.1. Providing Professional Services and Related Support Services associated with the Water Tank Disinfection at the Battle Creek 5.0 Million Gallon Tank. Professional Services performed to provide services to include water tank disinfection services and any related support services. Work performed under the contract shall be performed on a not to exceed contract as requested by BAMA.

**SP- 2.0 SCOPE OF SERVICES OF THE BAMA: THE BAMA WILL:**

2.1. Furnish to Professional Service Provider all data in its possession and needed guidance as necessary for the service provider to complete the contract requirements.

2.2. Designate in writing a person to act as its representative in respect to the work to be performed under this agreement. Such person shall have complete authority to transmit instructions, receive information, interpret and define BAMA's policies and decisions with respect to materials, equipment, elements and systems pertinent to the services covered by this agreement.

**SP - 3.0 SCOPE OF SERVICES: THE PROFESSIONAL SERVICE PROVIDER SHALL:**

3.1 The Professional Service Provider shall provide water tank disinfection services and related support services at the Battle Creek 5.0 Million Gallon Tank owned and operated by the Broken Arrow Municipal Authority.

3.2 Work will be a not to exceed contract all costs associated with the performance of the work, including any support and supervision cost required from the Professional Service Provider.

[END OF ATTACHMENT A]

**BROKEN ARROW MUNICIPAL AUTHORITY (BAMA)  
PROFESSIONAL SERVICES AGREEMENT  
NEW ORLEANS 1.0 MILLION GALLON TOWER INTERIOR CLEANING**

**1. Professional Service Provider:**

- a. Name: Steward Tank Consulting, Inc.
- b. Telephone No.: 918-812-3006
- c. Address: 7476 N. 197<sup>th</sup> East Ave., Owasso, OK 74055

**2. Project Title and Location:** New Orleans 1.0 Million Gallon Tower Interior Cleaning.

**3. Contract for:** Providing repair services associated with public works projects for the BAMA. Water Storage Tower Interior Cleaning Services to include removal and replacement of the two lower Tideflex valves for plastic removal, removal of any miscellaneous plastic debris, interior tank cleaning services and related support services. The Professional Service shall perform all duties, responsibilities and requirements set out in Attachment A hereto. The Professional Service Provider agrees that this repair service shall be treated as an important service to BAMA and also agrees to commit the time necessary to perform the professional services in a professional manner.

**4. Compensation:** Professional Service Provider shall be compensated at the hourly rate in accordance with a lump sum amount that is Not to Exceed Twenty-Seven Thousand Four Hundred Fifty and No/100 (\$27,450.00) for removal and replacement of the two lower Tideflex valves for plastic removal, removal of any miscellaneous plastic debris, interior tank cleaning services and related support services. Additional services may be agreed to at a later date. The parties agree that the Professional Service Provider's position is not a traditional BAMA employee position; therefore, the foregoing constitutes all the benefits and other forms of compensation due the Professional Service Provider, acting in the role of an independent contractor, and therefore ineligible for all other benefits paid to regular full-time BAMA employees. The Professional Service Provider shall be responsible for his own vehicle expenses and any other indirect costs incurred in fulfilling the stated contract requirements. The Professional Service Provider agrees to abide by and comply with all of BAMA's Administrative Policies.

**5. Invoicing and Payment:** The Professional Service Provider shall submit invoices requesting payment for services rendered to BAMA monthly in accordance with actual progress of the work on each work item. The invoices shall be in a format satisfactory to BAMA. Payment will be made within 30 days following the first eligible BAMA meeting occurring after the date on the invoice.

**6. Time for Performance:** These duties, responsibilities and requirements shall begin upon the execution of this Contract and shall be completed within Ninety (90) calendar days after the date the Notice to Proceed is issued. BAMA will issue a Notice to Proceed for each item of work identified under this agreement, following mutual agreement between the Professional Service Provider and BAMA on the hours required for the work item.

**7. Insurance:** The Professional Service Provider shall acquire all insurance policies required

for professional liability insurance, general liability, auto insurance, workers' compensation and/or health insurance. The Professional Service Provider shall provide proof of general liability and professional liability insurance coverage to BAMA on or before the effective date of this Agreement.

During the performance of the services under this Professional Services Contract, the Professional Service Provider shall maintain the insurance coverage required below and BAMA shall be named as an Additional Insured on each required policy:

- (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.

**8. Indemnification:** The Professional Services Provider agrees to defend, indemnify, and hold harmless BAMA, 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 The Professional Services Provider, its agents or employees.

**9. Immigration Compliance:** The Professional Service Provider shall 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”).

**10. Governing Documents:** The parties agree to perform this contract in strict accordance with the clauses, provisions, and the documents identified as follows, all of which are made part of this contract. In the event of conflict, these documents shall be interpreted in the following order:

- a. This Contract
- b. Attachment A to this Contract
- c. Duly Authorized Amendments arising out of this Contract

**11. Electronic Signatures:**

The Parties agree this transaction may be completed by electronic means and an electronic signature on this Contract will be given the same legal effect as a handwritten signature and cannot be denied enforceability solely because is it in electronic form. If the Professional Services Provider signs this Contract electronically and/or submits documents electronically, the Professional Services Provider agrees to comply with BAMA's requirements for submission of electronically signed and/or submitted documents.

**12. 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.

**13. Entirety of Agreement:** The foregoing Professional Services Contract supersedes all previous negotiations and may not be modified except by a written order executed by the parties hereto.

**14. Effective Date:** This Contract is effective shall be effective upon signature of both parties.

REMAINDER OF PAGE INTENTIONALLY BLANK



**BROKEN ARROW MUNICIPAL AUTHORITY (BAMA)  
PROFESSIONAL SERVICES AGREEMENT  
NEW ORLEANS 1.0 MILLION GALLON TOWER CLEANING**

**ATTACHMENT A**

**SP - 1.0 SCOPE OF THE PROJECT:**

1.1. Providing Professional Services and Related Support Services associated with the Water Tower Cleaning at the New Orleans 1.0 Million Gallon Tower. Professional Services performed to provide services to include removal and replacement of the two lower Tideflex valves for plastic removal, removal of any miscellaneous plastic debris, interior tank cleaning services and related support services. Work performed under the contract shall be performed on a not to exceed contract as requested by BAMA.

**SP- 2.0 SCOPE OF SERVICES OF THE BAMA: THE BAMA WILL:**

2.1. Furnish to Professional Service Provider all data in its possession and needed guidance as necessary for the service provider to complete the contract requirements.

2.2. Designate in writing a person to act as its representative in respect to the work to be performed under this agreement. Such person shall have complete authority to transmit instructions, receive information, interpret and define BAMA's policies and decisions with respect to materials, equipment, elements and systems pertinent to the services covered by this agreement.

**SP - 3.0 SCOPE OF SERVICES: THE PROFESSIONAL SERVICE PROVIDER SHALL:**

3.1 The Professional Service Provider shall provide removal and replacement of the two lower Tideflex valves for plastic removal, removal of any miscellaneous plastic debris, interior tank cleaning services and related support services at the New Orleans 1.0 Million Gallon Tower owned and operated by the Broken Arrow Municipal Authority.

3.2 Work will be a not to exceed contract all costs associated with the performance of the work, including any support and supervision cost required from the Professional Service Provider.

[END OF ATTACHMENT A]



# City of Broken Arrow

## Request for Action

**File #: 25-419, Version: 1**

**Broken Arrow Municipal Authority  
Meeting of: 4-1-2025**

**Title:**

Ratify the acceptance of and authorization to accept the Change Order No. 1 for the Tiger Hill water tank from Kimery Painting Inc for the center pole replacement and floor testing (Project No. 2454460)

**Background:**

On March 18, 2025, COBA approved the Change Order 1 for the Tiger Hill water tank project.

The Tiger Hill east water tank restoration project is to restore a 2 million gallon water tank. The tank was in disrepair and needed to be fixed and repainted. When the tank was emptied, it was found that the floor was in worse shape than anticipated. The floor welds need to be tested for strength and leaks. The center column was found to be in worse shape than originally thought as well. This needs to be repaired to ensure the integrity of the tank.

Change Order #1 addresses the following additions/deletions/changes to the contract:

- Cost associated with the testing and coating of floor weld seams
- Engineering Cost
- Additional Tank Bracing
- Deduction for not coating tank floor
- Twenty-one Days for column repairs and weld tasting.

**The total cost for Change Order #1 amounts to \$53,200.00**

The additional cost associated with these changes is as follows:

Previous Change Orders:	\$0
This Change Order(s):	\$53,200.00
Total Cost of Change Orders:	\$53,200.00
Original Contract Amount:	\$1,042,600.00
Revised Contract Amount:	\$1,095,800.00
Percent Change in Contract:	5.10%
Applicable to Comp. Bid Act:	2.80%

**Cost:** \$1,095,800.00

**Funding Source:** OWRB Loan

**Requested By:** Charlie Bright, P.E., Engineering and Construction Director

**Approved By:** City Manager's Office

**Attachments:** Change Order 1 Tiger Hill East Tank Restoration

**Recommendation:**

Accept the Change Order #1 for the Tiger Hill water tank from Kimery Painting Inc for the center pole replacement and floor testing (Project No. 2454460)

**Contract Change Order # 1**

Project Name: Tiger Hill East Water Tank Restoration Project Number: 2454460  
 PO Number: 22501191 Date of Application: Monday, February 10, 2025  
 Contractor: Kimery Painting Inc Submitted By: Todd Green

**Summary of Change in Scope of Work**

The following scope of work consisting of work location, work description, established quantities, and timeline for completion has been reviewed and agreed upon by the contractor, the origin funding department, and the Engineering and Construction Department.

Change of Work Items Included in this Change Order:

- 1) Cost associated with the testing and coating of floor weld seams
- 2) Engineering Cost
- 3) Additional Tank Bracing
- 4) Deduction for not coating tank floor

Change in Contractual Project Time:

- 1) Twenty-one (21) Days for center column repairs and weld testing
- 2)

Plan Sheets or Additional Documents Attached:  Yes  No  Other: \_\_\_\_\_

**Work Order Quantities**

Item#	(Spec)	Item Description	Units	Price	Quantity	Total Amount
2		Deduction for not coating tank floor	LS	\$ 974,600.00	-0.032013134	\$ (31,200.00)
2		Additional Tank Bracing	LS	\$ 974,600.00	0.056638621	\$ 55,200.00
		Weld Testing, Engineering	LS	\$ 29,200.00	1	\$ 29,200.00
						\$ -
Total Change Cost:						\$ 53,200.00

**Summary of Project Costs**

Total Previous Change Orders:	\$ -	Original Contract Amount:	\$ 1,042,600.00
Current Change Order:	\$ 53,200.00	Amended Contract Amount:	\$ 1,095,800.00
Total Cost of Change Orders:	\$ 53,200.00	Percent Change in Contract:	5.10%
Total Cost Applicable to CBA:	\$ 29,200.00	Percent Change Applicable to CBA:	2.80%

**Change Order Authorization**

Change Order # 1 in the sum of: \$ 53,200.00 has been reviewed by all parties and is recommended for approval by:

Contractor Submitting Change Order:	<u>Todd Green</u>	<u>Todd Green</u>	<u>2/24/25</u>
	Name	Signature	Date
Construction Division Manager:	<u>Nathanael T. Kohl, PE</u>	<u>Nathanael Kohl</u>	<u>2/26/2025</u>
	Name	Signature	Date
Director of Engineering & Construction:	<u>Charlie Bright, PE</u>	<u>Charlie Bright</u>	<u>2/27/2025</u>
	Name	Signature	Date
Assistant City Manager - Operations:	<u>Kenneth D Schwab, PE</u>	<u>Kenneth Schwab</u>	<u>2/28/2025</u>
	Name	Signature	Date
City Manager:	<u>Michael Spurgeon</u>	<u>Michael Spurgeon</u>	<u>3/19/2025</u>
	Name	Signature	Date

**This Change is Executed Through:**

- This change to the contract documents is authorized by the City Manager's authority in accordance with the applicable state statutes and COBA Code of Ordinances or 3/18/2025
- This change to the contract documents was approved at the City Council/BAMA meeting held on : 3/19/2025





# City of Broken Arrow

## Request for Action

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**File #:** 25-430, **Version:** 1

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**Broken Arrow Municipal Authority**  
**Meeting of: 04/01/2025**

**Title:**

Ratification of the Claims List Check Register Dated March 24, 2025

**Background:**

Council on September 3, 2019 approved Ordinance No. 3601 allowing ratification of the claims list. For the period from March 11, 2025 through March 24, 2025 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 \$9,538,969.90 for the various funds.

Governmental Funds	\$5,780,974.26
BAMA	\$2,228,837.84
BAEDA	<u>\$1,529,157.80</u>
Total	\$9,538,969.90

A summary by funds and detail are attached.

**Cost:** \$2,228,837.84

**Funding Source:** BAMA Operational and Capital accounts

**Requested By:** Cynthia S. Arnold, Finance Director

**Approved By:** City Manager's Office

**Attachments:** Check Register dated March 24, 2025

**Recommendation:**..recommend

Ratify Claims List Check Register dated 03/24/2025

City of Broken Arrow  
Check Register by Fund



Fund

CHECK DATE	CHECK #	VENDOR	NAME	INVOICE	DESCRIPTION	G/L NUMBER	PROJECT	YEAR/PERIOD	AMOUNT
		FUND		DESCRIPTION	AMOUNT	INVOICE COUNT			
	110	GENERAL			239,117.95	590			
	220	BA MUNICIPAL AUTHORITY			2,228,837.84	1,091			
	227	CVB-HOTEL MOTEL			10,783.79	25			
	330	SALES TAX CAPITAL IMPROVEMENT			625,340.75	21			
	332	PARK & REC CAP IMPROV			1,204.00	2			
	335	CDBG			6,213.29	2			
	342	STREET LIGHT FUND			32,671.02	100			
	343	STREET SALES TAX FUND			302,564.00	2			
	344	PS SALES TAX POLICE			386,097.27	313			
	345	PS SALES TAX FIRE			73,455.79	241			
	348	ARPA FUND			59,681.96	1			
	592	2014 BOND ISSUE			4,038.52	1			
	593	2018 BOND ISSUE			363,728.55	21			
	660	WORKERS COMPENSATIONS			97,623.95	6			
	661	GROUP HEALTH AND LIFE			11,679.27	11			
	770	DEBT SERVICE GO BOND			3,560,493.15	7			
	882	AGENCY FUND DEPOSITS			6,281.00	21			
	887	ECONOMIC DEVELOP AUTHORITY			1,529,157.80	2			
	Total				9,538,969.90	2,457			

City of Broken Arrow  
Check Register by Fund



Fund 220

CHECK DATE	CHECK #	VENDOR NAME	INVOICE	DESCRIPTION	G/L NUMBER	PROJECT	YEAR/PERIOD	AMOUNT	
03/13/2025	326930	5316 JARED ASBERRY	CDL 02062025	CDL REIMBURSEMENT	2205120  530110		2025/9	36.00	
								<b>Total For Check # 326930</b>	<b>36.00</b>
03/13/2025	326943	999900 OTP - AR REFUNDS	REC-027023-2025		22061  441000		2025/9	540.00	
								<b>Total For Check # 326943</b>	<b>540.00</b>
03/13/2025	326945		REC-027470-2025		22061  441000		2025/9	428.00	
								<b>Total For Check # 326945</b>	<b>428.00</b>
03/13/2025	326959	999905 OTP - TORT CLAIMS	TRT 1631.2025	TORT CLAIM FOR DAMAGED CIC COAX.625 BY UTILITIES D	2201700  550090		2025/9	4,021.62	
								<b>Total For Check # 326959</b>	<b>4,021.62</b>
03/13/2025	326960		TRT1630.2025	MAIL BOX DAMAGED DUE TO SANITATION TRUCK	2201700  550090		2025/9	659.09	
								<b>Total For Check # 326960</b>	<b>659.09</b>
03/13/2025	326961	999903 OTP - UB REFUNDS	153224		220  150807		2025/9	21.97	
								<b>Total For Check # 326961</b>	<b>21.97</b>
03/13/2025	326962		153229		220  150807		2025/9	16.85	
								<b>Total For Check # 326962</b>	<b>16.85</b>
03/13/2025	326963		153215		220  150807		2025/9	37.69	
								<b>Total For Check # 326963</b>	<b>37.69</b>
03/13/2025	326964		153216		220  150807		2025/9	60.65	
								<b>Total For Check # 326964</b>	<b>60.65</b>
03/13/2025	326965		153212		220  150807		2025/9	0.65	
								<b>Total For Check # 326965</b>	<b>0.65</b>
03/13/2025	326966		153213		220  150807		2025/9	99.95	
								<b>Total For Check # 326966</b>	<b>99.95</b>

City of Broken Arrow  
Check Register by Fund



Fund 220

CHECK DATE	CHECK #	VENDOR NAME	INVOICE	DESCRIPTION	G/L NUMBER	PROJECT	YEAR/PERIOD	AMOUNT
03/13/2025	326967		153214		220  150807		2025/9	140.14
					<b>Total For Check # 326967</b>			<b>140.14</b>
03/13/2025	326968		153218		220  150807		2025/9	198.26
					<b>Total For Check # 326968</b>			<b>198.26</b>
03/13/2025	326969		153210		220  150807		2025/9	4.97
					<b>Total For Check # 326969</b>			<b>4.97</b>
03/13/2025	326970		153227		220  150807		2025/9	111.40
					<b>Total For Check # 326970</b>			<b>111.40</b>
03/13/2025	326971		153220		220  150807		2025/9	16.20
					<b>Total For Check # 326971</b>			<b>16.20</b>
03/13/2025	326973		153226		220  150807		2025/9	31.24
					<b>Total For Check # 326973</b>			<b>31.24</b>
03/13/2025	326974		153221		220  150807		2025/9	397.28
					<b>Total For Check # 326974</b>			<b>397.28</b>
03/13/2025	326975		153222		220  150807		2025/9	387.37
					<b>Total For Check # 326975</b>			<b>387.37</b>
03/13/2025	326976		153225		220  150807		2025/9	31.24
					<b>Total For Check # 326976</b>			<b>31.24</b>
03/13/2025	326977		153228		220  150807		2025/9	25.25
					<b>Total For Check # 326977</b>			<b>25.25</b>
03/13/2025	326978		153223		220  150807		2025/9	13.16
					<b>Total For Check # 326978</b>			<b>13.16</b>
03/13/2025	326979		153219		220  150807		2025/9	1,087.67

City of Broken Arrow  
Check Register by Fund



Fund 220

CHECK DATE	CHECK #	VENDOR	NAME	INVOICE	DESCRIPTION	G/L NUMBER	PROJECT	YEAR/PERIOD	AMOUNT
					<b>Total For Check # 326979</b>				<b>1,087.67</b>
03/13/2025	326980			153217		220  150807		2025/9	13.25
					<b>Total For Check # 326980</b>				<b>13.25</b>
03/13/2025	326983	1506 AAB ENGINEERING LLC		8509	SW1312 37th St Regional Pond	2205210  570160	SW1312	2025/9	8,000.00
					<b>Total For Check # 326983</b>				<b>8,000.00</b>
03/13/2025	326984	276 AARON FENCE COMPANY		150666	REPLACE FENCE AT TURNBERRY LIFT STATION	2205415  540280		2025/9	7,750.40
					<b>Total For Check # 326984</b>				<b>7,750.40</b>
03/13/2025	326985	4919 ADEMCO INC.		ZM3VPP01	ZM3VPP01 2/27/2025	2201700  570150	2217090	2025/9	59.98
				ZM3VPP02	ZM3VPP02 02/27/2025	2201700  570150	2217090	2025/9	1,807.96
				ZM3VPP03	ZM3VPP03 2/27/2025	2201700  570150	2217090	2025/9	30.99
				ZM3VPP04	ZM3VPP04 02/27/2025	2201700  570150	2217090	2025/9	204.70
				ZM3VPP05	ZM3VPP05 03/03/2025	2201700  570150	2217090	2025/9	87.41
					<b>Total For Check # 326985</b>				<b>2,191.04</b>
03/13/2025	326986	489 ADMIRAL EXPRESS LLC		2562901-0	PRINTER TAPE FOR BRIAN GAYNOR	2205120  560030		2025/9	56.37
					<b>Total For Check # 326986</b>				<b>56.37</b>
03/13/2025	326987	149 AMERICAN ELECTRIC POWER/PSO		333-030-0-6 02212025	953-333-030-0-6 FEB 21, 2025 2501 S TAMARACK PL	2205406  550250		2025/9	23.64
				626-029-0-4 02212025	955-626-029-0-4 FEB 21, 2025 4091 W ROANOKE PL	2205406  550250		2025/9	23.82
				401-274-0-3 02212025	956-401-274-0-3 FEB 21, 2025 1410 W FLORENCE ST	2205406  550250		2025/9	68.89
				740-838-0-8 02242025	951-740-838-0-8 FEB 24, 2025 501 E JASPER ST	2205406  550250		2025/9	23.64
				453-184-0-8 02242025	951-453-184-0-8 FEB 24, 2025 1691 W TUCSON PL	2205406  550250		2025/9	23.90

City of Broken Arrow  
Check Register by Fund



Fund 220

CHECK DATE	CHECK #	VENDOR	NAME	INVOICE	DESCRIPTION	G/L NUMBER	PROJECT	YEAR/PERIOD	AMOUNT
	304-214-4-7	02242025		953-304-214-4-7 FEB 24, 2025 8800 S	FAWNWOOD CT	2205406  550250		2025/9	23.74
	701-710-0-4	02242025		950-701-710-0-4 FEB 24, 2025 11901 E	131ST ST	2205406  550250		2025/9	21.16
	568-468-0-4	02242025		957-568-468-0-4 FEB 24, 2025 1330 E	TUCSON ST	2205406  550250		2025/9	26.40
	965-664-0-3	02242025		958-965-664-0-3 FEB24, 2025 2791 W	JASPER ST	2205406  550250		2025/9	26.31
	970-788-0-2	02242025		950-970-788-0-2 FEB 24, 2025 291 E	TUSCON ST	2205406  550250		2025/9	40.81
	665-752-0-2	02202025		958-665-752-0-2 FEB 20 2025 9527 1/2 S	GARNETT RD	2205406  550250		2025/9	21.80
	925-948-5-1	02252025		951-925-948-5-1 FEB 25 2025 2009 E	CONCORD	2205305  550250		2025/9	21.79
	925-948-5-1	02252025		951-925-948-5-1 FEB 25 2025 3950 W	HOUSTON	2205305  550250		2025/9	75.62
	925-948-5-1	02252025		951-925-948-5-1 FEB 25 2025 4702 W	URBANA ST	2205305  550250		2025/9	129.40
	324-103-0-2	02272025		958-324-103-0-2 FEB 27 2025 7506 S	INDIANWOOD	2205415  550250		2025/9	171.22
	324-103-0-2	02272025		958-324-103-0-2 FEB 27 2025 6222 W	DURHAM ST	2205415  550250		2025/9	89.23
	324-103-0-2	02272025		958-324-103-0-2 FEB 27 2025 6701 E	KENOSHA	2205415  550250		2025/9	254.84
	324-103-0-2	02272025		958-324-103-0-2 FEB 27 2025 2595 W	JASPER	2205415  550250		2025/9	145.86
	324-103-0-2	02272025		958-324-103-0-2 FEB 27 2025 904 W	QUINTON	2205415  550250		2025/9	275.34
	324-103-0-2	02272025		958-324-103-0-2 FEB 27 2025 6554 S	232ND E AVE	2205415  550250		2025/9	101.99
	324-103-0-2	02272025		958-324-103-0-2 FEB 27 2025 1400 W	SHREVEPORT	2205415  550250		2025/9	71.85
	324-103-0-2	02272025		958-324-103-0-2 FEB 27 2025 2750 N	37TH ST	2205415  550250		2025/9	2,730.99
	324-103-0-2	02272025		958-324-103-0-2 FEB 27 2025 7751 E	KENOSHA	2205415  550250		2025/9	174.29
	324-103-0-2	02272025		958-324-103-0-2 FEB 27 2025 7950 E	FREEPORT	2205415  550250		2025/9	38.98

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 02272025	958-324-103-0-2 FEB 27 2025 BROKEN ARROW	2205415  550250		2025/9	143.66
				324-103-0-2 02272025	958-324-103-0-2 FEB 27 2025 5205 1/2 S 193RD E AVE	2205415  550250		2025/9	2,634.43
				324-103-0-2 02272025	958-324-103-0-2 FEB 27 2025 4501 E KENOSHA	2205415  550250		2025/9	638.08
				324-103-0-2 02272025	958-324-103-0-2 FEB 27 2025 3515 E 41ST ST S	2205415  550250		2025/9	135.83
				324-103-0-2 02272025	958-324-103-0-2 FEB 27 2025 6218 W UTICA CT	2205415  550250		2025/9	57.81
				324-103-0-2 02272025	958-324-103-0-2 FEB 27 2025 6601 S 241ST E AVE	2205415  550250		2025/9	3,275.94
				324-103-0-2 02272025	958-324-103-0-2 FEB 27 2025 8356 WRIGHT AVE	2205415  550250		2025/9	178.23
				324-103-0-2 02272025	958-324-103-0-2 FEB 27 2025 4213 W WINSTON	2205415  550250		2025/9	187.37
				324-103-0-2 02272025	958-324-103-0-2 FEB 27 2025 900 W QUINTON ST	2205415  550250		2025/9	881.20
				324-103-0-2 02272025	958-324-103-0-2 FEB 27 2025 1313 N 6TH	2205415  550250		2025/9	163.98
				324-103-0-2 02272025	958-324-103-0-2 FEB 27 2025 1301 E MEMPHIS	2205415  550250		2025/9	156.30
				324-103-0-2 02272025	958-324-103-0-2 FEB 27 2025 6701 S ELM	2205415  550250		2025/9	100.46
				324-103-0-2 02272025	958-324-103-0-2 FEB 27 2025 910 N 23RD ST	2205415  550250		2025/9	147.62
				324-103-0-2 02272025	958-324-103-0-2 FEB 27 2025 1709 W MIAMI	2205415  550250		2025/9	130.78
				324-103-0-2 02272025	958-324-103-0-2 FEB 27 2025 3440 N 41ST E AVE	2205415  550250		2025/9	165.88
				324-103-0-2 02272025	958-324-103-0-2 FEB 27 2025 20600 E 81ST ST S	2205415  550250		2025/9	108.60
				234-103-0-2 03032025	FY25 ANNUAL AGREEMENT 8 PYMTS	2205305  550250		2025/9	83.16
				821-338-0-4 03042025	958-821-338-0-4 MARCH 4 2025 5005 6670 S 361ST	2205405  550250		2025/9	50,386.29
				844-103-0-2 02282025	955-844-103-0-2 FEB 28, 2025 504 N PECAN AVE	2205100  550250		2025/9	68.86

City of Broken Arrow  
Check Register by Fund



Fund 220

CHECK DATE	CHECK #	VENDOR	NAME	INVOICE	DESCRIPTION	G/L NUMBER	PROJECT	YEAR/PERIOD	AMOUNT
				844-103-0-2 02282025	955-844-103-0-2 FEB 28, 2025 485 N POPLAR AVE	2205100  550250		2025/9	1,171.64
				844-103-0-2 02282025	955-844-103-0-2 FEB 28, 2025 430 N PECAN AVE	2205100  550250		2025/9	419.47
				844-103-0-2 02282025	955-844-103-0-2 FEB 28, 2025 504 N PECAN AVE	2205100  550250		2025/9	939.26
					<b>Total For Check # 326987</b>				<b>66,780.36</b>
03/13/2025	326988	4958	ALLMAX SOFTWARE LLC	28557	28557	2205404  560280		2025/9	2,657.00
					<b>Total For Check # 326988</b>				<b>2,657.00</b>
03/13/2025	326989	4935	AMAZON.COM SALES INC	1Q1C-C4CL-W7VR	Ipad case	2205100  560230		2025/9	23.99
				1P1K-6YWF-TNM3	Light for the Closet E & C	2205205  560030		2025/9	18.99
				1DML-WLK6-99W3	Office Supplies	2205205  560030		2025/9	44.37
				1KRT-MH6K-7FGG	HP PRINTER CARTRIDGES FOR JEFF BOHNER	2205120  560030		2025/9	224.49
					<b>Total For Check # 326989</b>				<b>311.84</b>
03/13/2025	326991	1465	AMERICAN WASTE CONTROL	0007326169	0007326169 03/01/2025	2205410  540300		2025/9	459.00
					<b>Total For Check # 326991</b>				<b>459.00</b>
03/13/2025	326994	5126	ASCEND COMMERCIAL BUILDERS	PA 5 2217090	PW Field Office	2201700  570150	2217090	2025/9	96,618.58
					<b>Total For Check # 326994</b>				<b>96,618.58</b>
03/13/2025	326995	945	AYS LLC	290830	290830	2205403  540280		2025/9	108.00
					<b>Total For Check # 326995</b>				<b>108.00</b>
03/13/2025	326996	885	ATWOOD DISTRIBUTING LP	3433	BLANKET PO SAFETY SHOES & MISC ITEMS	2201700  570150	2217090	2025/9	20.39
				3426	BLANKET PO SAFETY SHOES & MISC ITEMS	2201700  570150	2217090	2025/9	12.83
				3432	BLANKET PO SAFETY SHOES & MISC ITEMS	2205130  560230		2025/9	29.98
					<b>Total For Check # 326996</b>				<b>63.20</b>

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03/13/2025	326999	1204 BISHOP LIFTING PRODUCTS INC		PSI00328763	pw stock order	220  141000		2025/9	1,518.08
<b>Total For Check # 326999</b>									<b>1,518.08</b>
03/13/2025	327000	3013 BLUEBEAM, INC		2250859	2250859	2205401  560280		2025/9	70.00
<b>Total For Check # 327000</b>									<b>70.00</b>
03/13/2025	327002	3 BRENNTAG SOUTHWEST INC		BSW607399	BLANKET PO - CHLORINE	2205410  560340		2025/9	3,542.40
<b>Total For Check # 327002</b>									<b>3,542.40</b>
03/13/2025	327003	1330 BRINK'S INCORPORATED		7314307	7314307 FEB 2025	2201503  550280		2025/9	1,130.53
<b>Total For Check # 327003</b>									<b>1,130.53</b>
03/13/2025	327005	19 BROKEN ARROW ELECTRIC SUPPLY INC		S3315474.001	BLANKET PO FOR MISC ELECTRICAL	2201700  570150	2217090	2025/9	569.18
				S3314212.001	BLANKET PO FOR MISC ELECTRICAL	2201700  570150	2217090	2025/9	675.99
				S3291350.001	BLANKET PO FOR MISC ELECTRICAL	2205120  570150	2551150	2025/9	146.54
				S3296488.001	BLANKET PO FOR MISC ELECTRICAL	2205120  570150	2551150	2025/9	882.48
				S3304496.001	BLANKET PO FOR MISC ELECTRICAL	2205120  570150	2551150	2025/9	95.63
				S3313217.001	BLANKET PO FOR MISC ELECTRICAL	2205410  560230		2025/9	100.91
<b>Total For Check # 327005</b>									<b>2,470.73</b>
03/13/2025	327006	20 BROKEN ARROW LAWN & GARDEN		114107	SMALL ENGINE PARTS	2205305  560240		2025/9	207.92
				114054	SMALL ENGINE PARTS	2205305  560100		2025/9	126.56
				113999	SMALL ENGINE PARTS	2205305  560230		2025/9	58.76
				113969	SMALL ENGINE PARTS	2205305  540200		2025/9	319.97

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						<b>Total For Check # 327006</b>			<b>713.21</b>
03/13/2025	327008	410 BRUSKE PRODUCTS INC		111622	PW STOCK	220  141000		2025/9	458.83
						<b>Total For Check # 327008</b>			<b>458.83</b>
03/13/2025	327011	3526 CENTRAL POWER SYSTEMS & SERVICES		R11101114:01	UNIT 1436	2205403  540200		2025/9	1,567.86
						<b>Total For Check # 327011</b>			<b>1,567.86</b>
03/13/2025	327014	295 CITY OF TULSA		204713-2156415 2/25	USAGE FEES- 204713-2156415 1/31/25-2/28/2025	2205405  540930		2025/9	1,453.62
				219045-2170373 2/25	USAGE FEES= 219045-2170373 1/31/25-2/28/2025	2205405  540930		2025/9	243.04
						<b>Total For Check # 327014</b>			<b>1,696.66</b>
03/13/2025	327015	1391 CLEAN THE UNIFORM CO OKLAHOMA		52122755	52122755	2205305  540310		2025/9	165.74
				52122755	52122755	2205305  540330		2025/9	2.55
				52122758	52122758 02/28/2025	2205405  540310		2025/9	57.49
				52122758	52122758 02/28/2025	2205405  540330		2025/9	16.76
				52122760	52122760	2205410  540310		2025/9	36.01
				52121184	52121184	2205130  540310		2025/9	6.60
				52121184	52121184	2205120  540310		2025/9	88.79
				52121184	52121184	2205400  540310		2025/9	113.15
				52121184	52121184	2205415  540310		2025/9	70.16
				52121184	52121184	2205406  540310		2025/9	42.91
				52121184	52121184	2205403  540310		2025/9	67.87
				52121184	52121184	2205115  540310		2025/9	28.43
				52121184	52121184	2205010  540310		2025/9	210.92
				52121184	52121184	2201700  540330		2025/9	3.90
				52121184	52121184	2205120  540330		2025/9	25.00
				52121184	52121184	2205400  540330		2025/9	9.48

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				52122084	52122084	2205130  540310		2025/9	6.60
				52122084	52122084	2205120  540310		2025/9	88.79
				52122084	52122084	2205400  540310		2025/9	113.15
				52122084	52122084	2205415  540310		2025/9	70.16
				52122084	52122084	2205406  540310		2025/9	42.91
				52122084	52122084	2205403  540310		2025/9	67.87
				52122084	52122084	2205115  540310		2025/9	28.43
				52122084	52122084	2205010  540310		2025/9	210.92
				52122084	52122084	2201700  540330		2025/9	3.90
				52122084	52122084	2205120  540330		2025/9	25.00
				52122084	52122084	2205400  540330		2025/9	9.48
						<b>Total For Check # 327015</b>			<b>1,612.97</b>
03/13/2025	327016	4393 CLOUDPOINT GEOSPATIAL INC		INV-05360	Monthly Managed Services	2201205  530870		2025/9	7,250.00
						<b>Total For Check # 327016</b>			<b>7,250.00</b>
03/13/2025	327017	565 CMC STEEL FABRICATORS INC		013836	Steel stakes and etc.-for Matt Duran	2205305  560230		2025/9	775.00
						<b>Total For Check # 327017</b>			<b>775.00</b>
03/13/2025	327020	1270 CORE & MAIN		W449394	WINDSTREAM WL PROJECT 2217090-TOMMY KIMBROUGH	2201700  570150	2217090	2025/9	8,225.39
				W502831	PW STOCK ORDER	220  141000		2025/9	2,447.05
				W494970	PW STOCK ORDER	220  141000		2025/9	2,078.10
				W506717	pw stock	220  141000		2025/9	840.00
				W299848	Parts for Indian Springs	2205415  570150	2554580	2025/9	12,820.26
				W315453	PW STOCK	220  141000		2025/9	851.52
				W449189	PW STOCK ORDER	220  141000		2025/9	90.00
				W424907	PW STOCK ORDER	220  141000		2025/9	140.00

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CHECK DATE	CHECK #	VENDOR	NAME	INVOICE	DESCRIPTION	G/L NUMBER	PROJECT	YEAR/PERIOD	AMOUNT
						<b>Total For Check # 327020</b>			<b>27,492.32</b>
03/13/2025	327021	5224 CRAWFORD ROOFING INC		SMA25-01	REPAIR ROOF LEAKS AT FLEET OFFICE/SHOP	2205120  540070		2025/9	1,475.00
						<b>Total For Check # 327021</b>			<b>1,475.00</b>
03/13/2025	327022	936 CROSSLAND HEAVY CONTRACTORS INC		PA 1 2554450	LLWWTP Sludge Thickener Pump Replacement	2205410  570150	2554450	2025/9	11,576.94
						<b>Total For Check # 327022</b>			<b>11,576.94</b>
03/13/2025	327023	4037 D&H UNITED FUELING SOLUTIONS INC		2081	2081 SERV ORDER 055416	2205130  540550		2025/9	981.00
						<b>Total For Check # 327023</b>			<b>981.00</b>
03/13/2025	327028	65 FENSCO INC		66152	SKT Impact head w/Decals-Matt D.	2205305  560230		2025/9	3,468.78
						<b>Total For Check # 327028</b>			<b>3,468.78</b>
03/13/2025	327029	1231 AT&T MOBILITY LLC		DVR022025	ACCT 500634737 2/5-3/4/2025	2205401  540550		2025/9	32.50
				DVR022025	ACCT 500634737 2/5-3/4/2025	2205403  550540		2025/9	320.75
				DVR022025	ACCT 500634737 2/5-3/4/2025	2205405  550540		2025/9	1.00
						<b>Total For Check # 327029</b>			<b>354.25</b>
03/13/2025	327030	5004 FW FLEET CLEAN, LLC		FC2951972	BLANKET PO FOR TRUCK WASHING	2205010  550100		2025/9	705.00
				FC2972563	BLANKET PO FOR TRUCK WASHING	2205305  540280		2025/9	250.00
						<b>Total For Check # 327030</b>			<b>955.00</b>
03/13/2025	327031	4719 FRETHEIM CAR WASH OPERATOR LLC		1026	PW Stock-coins	220  141000		2025/9	1,500.00
						<b>Total For Check # 327031</b>			<b>1,500.00</b>
03/13/2025	327032	674 GARVER ENGINEERS		20W02210-43	110454	2205415  570160	S.1905	2025/9	2,712.50
				2401110-1	2554620 Water Master Plan	2205400  570160	2554620	2025/9	6,762.40

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				2402096-1	Battle Creek Tank Replacement 2554680	2205400  570160	2554680	2025/9	5,221.80
						<b>Total For Check # 327032</b>			<b>14,696.70</b>
03/13/2025	327036	4963	GLASS WORKS INC.	38306	BLANKET PO FOR GLASS REPAIR	2205120  540200		2025/9	319.00
						<b>Total For Check # 327036</b>			<b>319.00</b>
03/13/2025	327039	76	GRAINGER	9407768747	FOR TRAVIS S	2205400  560240		2025/9	269.36
						<b>Total For Check # 327039</b>			<b>269.36</b>
03/13/2025	327043	106	HACH COMPANY	14375679	BLANKET PO CHEM/LAB SUPPLIES	2205405  560340		2025/9	506.00
				14379068	BLANKET PO CHEM/LAB SUPPLIES	2205405  560340		2025/9	699.00
				14389622	BLANKET PO CHEM/LAB SUPPLIES	2205405  560340		2025/9	309.20
				14376459	BLANKET PO CHEM/LAB SUPPLIES	2205405  560340		2025/9	263.13
						<b>Total For Check # 327043</b>			<b>1,777.33</b>
03/13/2025	327044	369	HAYNES EQUIPMENT CO	INV8131066	PW STOCK ORDER	220  141000		2025/9	19,769.14
						<b>Total For Check # 327044</b>			<b>19,769.14</b>
03/13/2025	327045	1144	HDR, INC	1200702416	VRWTP On site Hypochlorite Brine Tank 2154350	2205405  570160	2154350	2025/9	9,988.40
						<b>Total For Check # 327045</b>			<b>9,988.40</b>
03/13/2025	327047	4961	HORSESHOE CONSTRUCTION, INC.	PA 8 S.23060	Camino Villa Park Sanitary Sewer Rehab	2205415  570150	S.23060	2025/9	39,235.00
						<b>Total For Check # 327047</b>			<b>39,235.00</b>
03/13/2025	327051	120	J & R EQUIPMENT LLC	01W6466	UNIT # 1355 - JEFF	2205415  540200		2025/9	10,346.21
						<b>Total For Check # 327051</b>			<b>10,346.21</b>

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03/13/2025	327052	23 J D YOUNG COMPANY INC		1256047	LEASE & USAGE CHARGE FY25	2201503  540330		2025/9	104.37
				1256047	LEASE & USAGE CHARGE FY25	2205100  540330		2025/9	94.06
				1256047	LEASE & USAGE CHARGE FY25	2205115  540330		2025/9	87.60
				1256047	LEASE & USAGE CHARGE FY25	2205120  540330		2025/9	94.06
				1256047	LEASE & USAGE CHARGE FY25	2205130  540330		2025/9	89.08
				1256047	LEASE & USAGE CHARGE FY25	2205205  540330		2025/9	217.58
				1256047	LEASE & USAGE CHARGE FY25	2205305  540330		2025/9	94.06
				1256047	LEASE & USAGE CHARGE FY25	2205405  540330		2025/9	94.06
				1256047	LEASE & USAGE CHARGE FY25	2205410  540330		2025/9	94.06
				1256047	LEASE & USAGE CHARGE FY25	2201503  540550		2025/9	62.12
				1256047	LEASE & USAGE CHARGE FY25	2205100  540550		2025/9	10.05
				1256047	LEASE & USAGE CHARGE FY25	2205115  540550		2025/9	13.95
				1256047	LEASE & USAGE CHARGE FY25	2205120  540550		2025/9	12.30
				1256047	LEASE & USAGE CHARGE FY25	2205130  540550		2025/9	44.34
				1256047	LEASE & USAGE CHARGE FY25	2205205  540550		2025/9	381.04
				1256047	LEASE & USAGE CHARGE FY25	2205305  540550		2025/9	54.57
				1256047	LEASE & USAGE CHARGE FY25	2205405  540550		2025/9	21.35
				1256047	LEASE & USAGE CHARGE FY25	2205410  540550		2025/9	36.42
				1256047	LEASE & USAGE CHARGE FY25	2201503  560230		2025/9	1.58
				1256047	LEASE & USAGE CHARGE FY25	2205100  560230		2025/9	1.58
				1256047	LEASE & USAGE CHARGE FY25	2205115  560230		2025/9	1.58
				1256047	LEASE & USAGE CHARGE FY25	2205120  560230		2025/9	1.58
				1256047	LEASE & USAGE CHARGE FY25	2205130  560230		2025/9	1.58
				1256047	LEASE & USAGE CHARGE FY25	2205205  560230		2025/9	1.58
				1256047	LEASE & USAGE CHARGE FY25	2205305  560230		2025/9	1.58
				1256047	LEASE & USAGE CHARGE FY25	2205405  560230		2025/9	1.58
				1256047	LEASE & USAGE CHARGE FY25	2205410  560230		2025/9	1.58
<b>Total For Check # 327052</b>									<b>1,619.29</b>

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03/13/2025	327057	4087 KERR ENVIRONMENTAL RESOURCE INC	16024	16024 2/26/2025	2205405  540280		2025/9	718.75
<b>Total For Check # 327057</b>								<b>718.75</b>
03/13/2025	327058	5131 KEVIN BEHE	12988	CITY COUNCIL APPROVED 09/09/24	2205100  540070		2025/9	1.30
			12988	CITY COUNCIL APPROVED 09/09/24	2205120  540070		2025/9	0.52
			12988	CITY COUNCIL APPROVED 09/09/24	2205305  540070		2025/9	0.39
			12988	CITY COUNCIL APPROVED 09/09/24	2205410  540070		2025/9	6.09
			12982	CITY COUNCIL APPROVED 09/09/24	2205100  540070		2025/9	1.04
			12982	CITY COUNCIL APPROVED 09/09/24	2205120  540070		2025/9	0.41
			12982	CITY COUNCIL APPROVED 09/09/24	2205305  540070		2025/9	0.31
			12982	CITY COUNCIL APPROVED 09/09/24	2205410  540070		2025/9	4.87
			12987	CITY COUNCIL APPROVED 09/09/24	2205100  540070		2025/9	1.29
			12987	CITY COUNCIL APPROVED 09/09/24	2205120  540070		2025/9	0.52
			12987	CITY COUNCIL APPROVED 09/09/24	2205305  540070		2025/9	0.39
			12987	CITY COUNCIL APPROVED 09/09/24	2205410  540070		2025/9	6.09
			12981	CITY COUNCIL APPROVED 09/09/24	2205100  540070		2025/9	1.04
			12981	CITY COUNCIL APPROVED 09/09/24	2205120  540070		2025/9	0.42
			12981	CITY COUNCIL APPROVED 09/09/24	2205305  540070		2025/9	0.31
			12981	CITY COUNCIL APPROVED 09/09/24	2205410  540070		2025/9	4.87
			12986	CITY COUNCIL APPROVED 09/09/24	2205100  540070		2025/9	1.29

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				12986	CITY COUNCIL APPROVED 09/09/24	2205120  540070		2025/9	0.52
				12986	CITY COUNCIL APPROVED 09/09/24	2205305  540070		2025/9	0.39
				12986	CITY COUNCIL APPROVED 09/09/24	2205410  540070		2025/9	6.09
				12980	CITY COUNCIL APPROVED 09/09/24	2205100  540070		2025/9	1.04
				12980	CITY COUNCIL APPROVED 09/09/24	2205120  540070		2025/9	0.41
				12980	CITY COUNCIL APPROVED 09/09/24	2205305  540070		2025/9	0.31
				12980	CITY COUNCIL APPROVED 09/09/24	2205410  540070		2025/9	4.87
				12985	CITY COUNCIL APPROVED 09/09/24	2205100  540070		2025/9	0.78
				12985	CITY COUNCIL APPROVED 09/09/24	2205120  540070		2025/9	0.31
				12985	CITY COUNCIL APPROVED 09/09/24	2205305  540070		2025/9	0.23
				12985	CITY COUNCIL APPROVED 09/09/24	2205410  540070		2025/9	3.65
				12979	CITY COUNCIL APPROVED 09/09/24	2205100  540070		2025/9	1.55
				12979	CITY COUNCIL APPROVED 09/09/24	2205120  540070		2025/9	0.62
				12979	CITY COUNCIL APPROVED 09/09/24	2205305  540070		2025/9	0.47
				12979	CITY COUNCIL APPROVED 09/09/24	2205410  540070		2025/9	7.31
				12984	CITY COUNCIL APPROVED 09/09/24	2205100  540070		2025/9	1.68
				12984	CITY COUNCIL APPROVED 09/09/24	2205120  540070		2025/9	0.67
				12984	CITY COUNCIL APPROVED 09/09/24	2205305  540070		2025/9	0.50
				12984	CITY COUNCIL APPROVED 09/09/24	2205410  540070		2025/9	7.91

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				12978	CITY COUNCIL APPROVED 09/09/24	2205100  540070		2025/9	1.68
				12978	CITY COUNCIL APPROVED 09/09/24	2205120  540070		2025/9	0.67
				12978	CITY COUNCIL APPROVED 09/09/24	2205305  540070		2025/9	0.50
				12978	CITY COUNCIL APPROVED 09/09/24	2205410  540070		2025/9	7.91
				12983	CITY COUNCIL APPROVED 09/09/24	2205100  540070		2025/9	1.55
				12983	CITY COUNCIL APPROVED 09/09/24	2205120  540070		2025/9	0.62
				12983	CITY COUNCIL APPROVED 09/09/24	2205305  540070		2025/9	0.47
				12983	CITY COUNCIL APPROVED 09/09/24	2205410  540070		2025/9	7.31
				12977	CITY COUNCIL APPROVED 09/09/24	2205100  540070		2025/9	1.30
				12977	CITY COUNCIL APPROVED 09/09/24	2205120  540070		2025/9	0.52
				12977	CITY COUNCIL APPROVED 09/09/24	2205305  540070		2025/9	0.39
				12977	CITY COUNCIL APPROVED 09/09/24	2205410  540070		2025/9	6.09
				12991	CITY COUNCIL APPROVED 09/09/24	2205100  540070		2025/9	1.55
				12991	CITY COUNCIL APPROVED 09/09/24	2205120  540070		2025/9	0.62
				12991	CITY COUNCIL APPROVED 09/09/24	2205305  540070		2025/9	0.47
				12991	CITY COUNCIL APPROVED 09/09/24	2205410  540070		2025/9	7.31
				12990	CITY COUNCIL APPROVED 09/09/24	2205100  540070		2025/9	1.55
				12990	CITY COUNCIL APPROVED 09/09/24	2205120  540070		2025/9	0.62
				12990	CITY COUNCIL APPROVED 09/09/24	2205305  540070		2025/9	0.47

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				12990	CITY COUNCIL APPROVED 09/09/24	2205410  540070		2025/9	7.30
				12992	CITY COUNCIL APPROVED 09/09/24	2205100  540070		2025/9	1.55
				12992	CITY COUNCIL APPROVED 09/09/24	2205120  540070		2025/9	0.62
				12992	CITY COUNCIL APPROVED 09/09/24	2205305  540070		2025/9	0.47
				12992	CITY COUNCIL APPROVED 09/09/24	2205410  540070		2025/9	7.31
					<b>Total For Check # 327058</b>				<b>129.31</b>
03/13/2025	327059	2004 KIMLEY-HORN & ASSOCIATES INC.		061292300-0125	091537	2205400  570160	165424	2025/9	4,380.00
									<b>Total For Check # 327059</b>
									<b>4,380.00</b>
03/13/2025	327061	1052 L&W SUPPLY CORPORATION		1012853105-001	windstream remodel - SHEETROCK	2201700  570150	2217090	2025/9	2,747.21
									<b>Total For Check # 327061</b>
									<b>2,747.21</b>
03/13/2025	327065	614 LIGHTING INC/BROKEN ARROW ELECTRIC		S3268088.001	BLANKET PO FOR MISC. LIGHTING	2205120  570150	2551150	2025/9	254.35
									<b>Total For Check # 327065</b>
									<b>254.35</b>
03/13/2025	327066	131 LOCKE SUPPLY COMPANY		54747275-00	BLANKET PO FOR PLUMBING & ELECTRICAL SUPPLIES	2201700  570150	2217090	2025/9	348.77
				54750177-00	BLANKET PO FOR PLUMBING & ELECTRICAL SUPPLIES	2201700  570150	2217090	2025/9	22.02
				54755826-00	BLANKET PO FOR PLUMBING & ELECTRICAL SUPPLIES	2201700  570150	2217090	2025/9	888.15
				54425274-00	BLANKET PO FOR PLUMBING & ELECTRICAL SUPPLIES	2205400  560230		2025/9	42.58
				54732268-00	BLANKET PO FOR PLUMBING & ELECTRICAL SUPPLIES	2205400  560230		2025/9	31.13
				54793723-00	BLANKET PO FOR PLUMBING & ELECTRICAL SUPPLIES	2205400  560230		2025/9	3.28

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				53655659-00	BLANKET PO FOR PLUMBING & ELECTRICAL SUPPLIES	2205405  560230		2025/9	62.84
				53480048-00	BLANKET PO FOR PLUMBING & ELECTRICAL SUPPLIES	2205403  560230		2025/9	32.28
				54843169-00	BLANKET PO FOR PLUMBING & ELECTRICAL SUPPLIES	2201700  570150	2217090	2025/9	11.67
				54838501-00	BLANKET PO FOR PLUMBING & ELECTRICAL SUPPLIES	2201700  570150	2217090	2025/9	13.73
					<b>Total For Check # 327066</b>				<b>1,456.45</b>
03/13/2025	327067	4878 LUBRICATION SPECIALISTS, INC		07400	PW STOCK	220  141000		2025/9	4,800.00
					<b>Total For Check # 327067</b>				<b>4,800.00</b>
03/13/2025	327068	908 MCMASTER CARR		40561484	HAND TOOLS, POWERED AND NON-POWERED, INCLUDING ACC	2205410  560240		2025/9	669.32
					<b>Total For Check # 327068</b>				<b>669.32</b>
03/13/2025	327069	5283 MID AMERICA WIRE & CABLE		32890	30A-0020 2/0 Class K Welding Cable 600 Volt Black	2205405  560450		2025/9	2,499.00
					<b>Total For Check # 327069</b>				<b>2,499.00</b>
03/13/2025	327071	144 MULLIN PLUMBING INC		413283396	413283396	2205400  540280		2025/9	419.00
					<b>Total For Check # 327071</b>				<b>419.00</b>
03/13/2025	327074	25 NAPA AUTO PARTS		013221	F003159	2205010  560190		2025/9	1,174.80
				013221	205	2205010  560190		2025/9	53.34
				013225	789DEF	2205010  560210		2025/9	1,066.56
				013243	46AWBULK	2205010  560210		2025/9	198.40
				013263	6871	2205010  560200		2025/9	47.50
				013263	6870	2205010  560200		2025/9	53.78
				013263	7708	2205010  560200		2025/9	41.13
				013263	600149	2205010  560200		2025/9	53.65
				013263	15W40BULK	2205010  560210		2025/9	114.88

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				013264	1748XD	2205010  560200		2025/9	36.67
				013264	6771	2205010  560200		2025/9	45.94
				013264	6770	2205010  560200		2025/9	80.05
				013264	FR11110	2205010  560200		2025/9	14.58
				013264	FF63041NN	2205010  560200		2025/9	48.33
				013264	K371017	2205010  560200		2025/9	77.14
				013264	15W40BULK	2205010  560210		2025/9	104.11
				013660	789DEF	2205010  560210		2025/9	1,066.56
				013663	400316	2205010  560200		2025/9	18.45
				013663	3128	2205010  560200		2025/9	19.73
				013663	8975425390	2205010  560200		2025/9	69.50
				013663	6932	2205010  560200		2025/9	30.46
				013663	NP21	2205010  560200		2025/9	7.82
				013663	15W40BULK	2205010  560210		2025/9	39.49
				013667	F248426	2205010  560190		2025/9	411.21
				013670	7234	2205010  560200		2025/9	307.68
				013670	7234	2205010  560200		2025/9	54.00
				013677	388BDM	2205010  560190		2025/9	280.47
				013677	205	2205010  560190		2025/9	26.67
				013679	388BDM	2205010  560190		2025/9	280.47
				013679	F003159	2205010  560190		2025/9	1,174.80
				013679	205	2205010  560190		2025/9	80.01
				013682	388BDM	2205010  560190		2025/9	280.47
				013682	205	2205010  560190		2025/9	26.67
				013688	38516	2205010  560200		2025/9	78.37
				013688	3040717803	2205010  560200		2025/9	166.99
				013692	400107	2205305  560200		2025/9	38.07
				013692	15W40BULK	2205305  560210		2025/9	157.96

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CHECK DATE	CHECK #	VENDOR	NAME	INVOICE	DESCRIPTION	G/L NUMBER	PROJECT	YEAR/PERIOD	AMOUNT
				013697	F003159	2205010  560190		2025/9	587.40
				013697	205	2205010  560190		2025/9	27.78
				013389	NNGB53	2205305  560200		2025/9	39.21
				013389	HC3Z8005K	2205305  560200		2025/9	813.18
				013389	HC3Z8590A	2205305  560200		2025/9	42.02
				013415	785116	2205410  560200		2025/9	7.78
				013415	BNH34770W	2205410  560200		2025/9	208.02
				013424	SYSRZ8CGCR	2205305  560200		2025/9	1,168.00
				013615	388BDM	2205010  560190		2025/9	560.94
				013615	205	2205010  560190		2025/9	53.34
				013621	388BDM	2205010  560190		2025/9	560.94
				013621	205	2205010  560190		2025/9	53.34
				013628	0522582	2205115  560190		2025/9	408.98
				013630	4324711010	2205010  560200		2025/9	1,666.88
				013630	4324711010	2205010  560200		2025/9	192.85
				013632	LAZYSUSAN	2201700  560240		2025/9	514.93
				013648	1748XD	2205010  560200		2025/9	36.67
				013648	3788	2205010  560200		2025/9	28.60
				013648	3936	2205010  560200		2025/9	17.07
				013648	9082	2205010  560200		2025/9	13.44
				013648	2812	2205010  560200		2025/9	85.65
				013648	9520	2205010  560200		2025/9	43.95
				013648	15W40BULK	2205010  560210		2025/9	78.98
				013649	2812	2205010  560200		2025/9	85.65
				013649	9520	2205010  560200		2025/9	43.95
				013649	1748XD	2205010  560200		2025/9	36.67
				013649	600564	2205010  560200		2025/9	31.00
				013649	3788	2205010  560200		2025/9	28.60

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CHECK DATE	CHECK #	VENDOR	NAME	INVOICE	DESCRIPTION	G/L NUMBER	PROJECT	YEAR/PERIOD	AMOUNT
				013649	9082	2205010  560200		2025/9	13.44
				013649	15W40BULK	2205010  560210		2025/9	86.16
				013655	4324711010	2205010  560200		2025/9	-192.85
				013658	GL1943103865	2205305  560190		2025/9	2,625.60
				013769	7430	2205305  560200		2025/9	9.00
				013769	7098	2205305  560200		2025/9	59.16
				013769	V052151940	2205305  560200		2025/9	32.68
				013769	3393	2205305  560200		2025/9	8.28
				013769	T185571600	2205305  560200		2025/9	49.66
				013769	9491	2205305  560200		2025/9	22.02
				013769	9492	2205305  560200		2025/9	10.00
				013769	15W40BULK	2205305  560210		2025/9	39.49
				013776	4984382	2205010  560200		2025/9	8.48
				013776	4307376	2205010  560200		2025/9	175.10
				013793	F003159UM	2205410  560190		2025/9	1,017.20
				013794	388BDM	2205410  560190		2025/9	273.99
				013794	205	2205410  560200		2025/9	26.67
				013800	7234	2205410  560200		2025/9	461.52
				013800	7234	2205410  560200		2025/9	81.00
				013836	9025153	2205410  560200		2025/9	117.01
				013836	17075	2205410  560200		2025/9	50.09
				013836	RTU1DEX	2205410  560200		2025/9	18.60
				013718	40510D	2205130  560230		2025/9	75.54
				013718	70065	2205130  560230		2025/9	29.12
				013718	70064	2205130  560230		2025/9	31.48
				013718	40510DAD	2205130  560230		2025/9	74.24
				013727	6882	2205305  560200		2025/9	74.24
				013727	1748XD	2205305  560200		2025/9	36.67

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CHECK DATE	CHECK #	VENDOR	NAME	INVOICE	DESCRIPTION	G/L NUMBER	PROJECT	YEAR/PERIOD	AMOUNT
				013727	600564	2205305  560200		2025/9	31.00
				013727	3964	2205305  560200		2025/9	20.11
				013727	15W40BULK	2205305  560210		2025/9	86.16
				013749	F244465	2205010  560190		2025/9	576.99
				013751	489844	2205400  560200		2025/9	209.11
				013898	7234	2205010  560200		2025/9	307.68
				013898	7234	2205010  560200		2025/9	54.00
				013902	29558329AT	2205010  560200		2025/9	85.72
				013902	6100	2205010  560200		2025/9	8.35
				013902	7230	2205010  560200		2025/9	143.98
				013902	0750953001	2205010  560200		2025/9	111.70
				013902	HDATFBULK	2205010  560210		2025/9	202.02
				013906	388BDM	2205010  560190		2025/9	547.98
				013906	205	2205010  560190		2025/9	53.34
				013910	388BDM	2205010  560190		2025/9	547.98
				013910	205	2205010  560190		2025/9	53.34
				013913	5182	2205403  560200		2025/9	543.33
				013913		2205403  560200		2025/9	79.00
				013915	F244465	2205010  560190		2025/9	576.99
				013920	12670834	2205404  560200		2025/9	199.57
				013930	388BDM	2205010  560190		2025/9	547.98
				013930	205	2205010  560200		2025/9	53.34
				013936	6374344	2205120  560240		2025/9	186.02
				013942	366RM3280	2205010  560190		2025/9	322.22
				013951	501	2205010  560200		2025/9	17.66
				013951	AN125001002	2205010  560200		2025/9	101.29
				013951	AN225001001	2205010  560200		2025/9	101.39
				013951	941B0505	2205010  560200		2025/9	54.00

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				013966	R825001	2205010  560200		2025/9	762.50
				013967	FC4Z14A664C	2205305  560200		2025/9	200.98
				013971	F248511	2205400  560190		2025/9	645.52
				013975	F244465	2205010  560190		2025/9	576.99
				013981	68049746AB	2205406  560200		2025/9	429.92
				013981		2205406  560200		2025/9	49.99
				013982	3250	2201700  560240		2025/9	176.00
				013982	64250	2201700  560240		2025/9	312.00
				013983		2201700  560230		2025/9	20.00
				013983		2201700  560230		2025/9	10.00
				013983	3250	2201700  560240		2025/9	176.00
				013983	64250	2201700  560240		2025/9	312.00
						<b>Total For Check # 327074</b>			<b>30,070.27</b>
03/13/2025	327075			013223	07532L	2205400  560240		2025/9	131.34
				013224	4579	2205410  560200		2025/9	6.97
				013224	7060	2205410  560200		2025/9	4.15
				013224	6930	2205410  560200		2025/9	22.28
				013224	20811	2205410  560210		2025/9	23.61
				013224	115	2205410  560210		2025/9	14.44
				013224	112628	2205410  560210		2025/9	7.14
				013224	120760	2205410  560210		2025/9	34.99
				013245	61PM56	2205305  560200		2025/9	67.80
				013256	NSSK1277	2205400  560200		2025/9	98.63
				013266	502	2205305  560230		2025/9	43.34
				013266	BAVINYLLOGO	2205305  560230		2025/9	76.68
				013270	07532L	2205400  560240		2025/9	131.34
				013271	A1417924000	2205010  560200		2025/9	95.54
				013671	46AWBULK	2205010  560210		2025/9	96.72

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				013685	265850	2205406  560200		2025/9	169.22
				013691	1748XD	2205305  560200		2025/9	36.67
				013691	15W40BULK	2205305  560210		2025/9	86.16
				013694	7708	2205400  560200		2025/9	41.13
				013694	15W40BULK	2205400  560210		2025/9	107.70
				013696	6524	2205305  560200		2025/9	93.29
				013696	6524	2205305  560200		2025/9	18.00
				013696	6524	2205305  560200		2025/9	-18.00
				013700	ED0021752990S	2205305  560200		2025/9	52.61
				013700	7207	2205305  560200		2025/9	9.89
				013700	6438	2205305  560200		2025/9	16.57
				013700	2985	2205305  560200		2025/9	14.58
				013700	15W40BULK	2205305  560210		2025/9	10.77
				013398	R551151120	2205403  560200		2025/9	140.06
				013405	489082	2205305  560200		2025/9	124.56
				013643	46AWBULK	2205010  560210		2025/9	99.20
				013650	490127	2205010  560200		2025/9	137.78
				013777	9491	2205305  560200		2025/9	22.02
				013777	9492	2205305  560200		2025/9	10.00
				013777	7237	2205305  560200		2025/9	138.69
				013777	7237	2205305  560200		2025/9	27.00
				013777	7237	2205305  560200		2025/9	-27.00
				013780	40201	2205305  560210		2025/9	84.78
				013786	D45	2201700  560240		2025/9	135.42
				013790	AG0689500002	2205415  560240		2025/9	268.42
				013790	BH82516	2205415  560240		2025/9	-200.22
				013803	6737326	2205403  560200		2025/9	20.36
				013803	6737325	2205403  560200		2025/9	62.12

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				013809	8T4778	2205403  560200		2025/9	63.58
				013809	1592953	2205403  560200		2025/9	39.27
				013826	7234	2205410  560200		2025/9	-81.00
				013828	7620	2205403  560200		2025/9	6.45
				013828	6930	2205403  560200		2025/9	22.28
				013828	15W40BULK	2205403  560210		2025/9	43.08
				013829	1372	2205400  560200		2025/9	4.15
				013829	9883	2205400  560200		2025/9	12.45
				013829	20811	2205400  560210		2025/9	23.61
				013829	115	2205400  560210		2025/9	14.44
				013829	5W20BULK	2205400  560210		2025/9	20.28
				013833	891346	2205010  560230		2025/9	68.40
				013834	891346	2205010  560230		2025/9	-68.40
				013835	1042	2205305  560200		2025/9	4.15
				013835	20811	2205305  560210		2025/9	23.61
				013835	115	2205305  560210		2025/9	14.44
				013835	5W30BULK	2205305  560210		2025/9	22.86
				013712	3972	2205305  560200		2025/9	7.11
				013712	1064	2205305  560200		2025/9	6.36
				013712	9978	2205305  560200		2025/9	22.18
				013712	9968	2205305  560200		2025/9	31.27
				013712	15W40BULK	2205305  560210		2025/9	14.36
				013715	230266	2205403  560200		2025/9	10.44
				013715	7151	2205403  560200		2025/9	14.72
				013715	200905	2205403  560200		2025/9	19.93
				013715	15W40BULK	2205403  560210		2025/9	53.85
				013733	FT8446F	2205400  560200		2025/9	104.41
				013914	2306655P	2205120  560230		2025/9	150.00

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CHECK DATE	CHECK #	VENDOR	NAME	INVOICE	DESCRIPTION	G/L NUMBER	PROJECT	YEAR/PERIOD	AMOUNT
				013937	8465AAA	2205400  560200		2025/9	129.51
				013937	8465AAA	2205400  560200		2025/9	18.00
				013955	UC1500	2205120  560240		2025/9	107.60
				013956	T241212006	2205305  560190		2025/9	99.06
				013976	8465AAA	2205010  560200		2025/9	129.51
				013976	8465AAA	2205010  560200		2025/9	18.00
				013979	D45	2201700  560240		2025/9	135.42
						<b>Total For Check # 327075</b>			<b>3,842.13</b>
03/13/2025	327076			013222	6231	2205403  560210		2025/9	27.56
				013238	7060	2205120  560200		2025/9	4.15
				013238	4579	2205120  560200		2025/9	6.97
				013238	2725	2205120  560200		2025/9	15.58
				013238	5W20BULK	2205120  560210		2025/9	23.66
				013248	BAVINYLLOGO	2205305  560200		2025/9	51.12
				013249	BAVINYLLOGO	2205305  560200		2025/9	25.56
				013250	NNGB53	2205305  560210		2025/9	26.14
				013250	706616	2205305  560210		2025/9	17.34
				013251	61PM50	2205305  560200		2025/9	31.39
				013251	61PM56	2205305  560200		2025/9	-67.80
				013260	7060	2205010  560200		2025/9	4.15
				013260	4579	2205010  560200		2025/9	6.97
				013260	2725	2205010  560200		2025/9	15.58
				013260	5W20BULK	2205010  560210		2025/9	23.66
				013262	7060	2205010  560200		2025/9	4.15
				013262	4579	2205010  560200		2025/9	6.97
				013262	2725	2205010  560200		2025/9	15.58
				013262	5W20BULK	2205010  560210		2025/9	23.66
				013265	3014187	2205305  560200		2025/9	32.77

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CHECK DATE	CHECK #	VENDOR	NAME	INVOICE	DESCRIPTION	G/L NUMBER	PROJECT	YEAR/PERIOD	AMOUNT
				013661	90494	2205120  560230		2025/9	12.38
				013661	14ACCESS	2205120  560230		2025/9	16.77
				013661		2205120  560230		2025/9	6.28
				013662	46AWBULK	2205010  560210		2025/9	54.56
				013664	HDRTU1GAL	2205010  560210		2025/9	51.48
				013669	25080948HD	2205010  560200		2025/9	53.36
				013673	7234	2205010  560200		2025/9	-54.00
				013680	34846T	2205120  560230		2025/9	44.43
				013689	46AWBULK	2205010  560210		2025/9	49.60
				013699	9080XL	2205120  560230		2025/9	15.56
				013699	2413	2205120  560230		2025/9	7.00
				013702	FT8816	2205120  560200		2025/9	58.81
				013707	BLUE	2205305  560230		2025/9	29.88
				013385	4211	2205205  560200		2025/9	13.95
				013385	100255	2205205  560200		2025/9	4.15
				013385	200718	2205205  560200		2025/9	16.61
				013385	5W30BULK	2205205  560210		2025/9	22.86
				013613	7502	2205120  560200		2025/9	4.15
				013613	9883	2205120  560200		2025/9	12.45
				013613	5W20BULK	2205120  560210		2025/9	23.66
				013614	7502	2205415  560200		2025/9	4.15
				013614	9883	2205415  560200		2025/9	12.45
				013614	5W20BULK	2205415  560210		2025/9	27.04
				013627	RTU1EXT	2205410  560200		2025/9	8.61
				013627	7043010	2205410  560200		2025/9	16.50
				013636	7631112	2205120  560230		2025/9	21.39
				013642	HDRTU1GAL	2205010  560210		2025/9	51.48
				013762	2413	2205010  560230		2025/9	42.00

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				013773	2413	2205400  560230		2025/9	3.50
				013773	70124	2205400  560230		2025/9	44.00
				013778	40201	2205210  560210		2025/9	42.39
				013792	10873	2205410  560210		2025/9	50.84
				013795	96811	2205120  560200		2025/9	30.10
				013825	PFE075SU	2205120  560230		2025/9	9.89
				013825	TFE150SU	2205120  560230		2025/9	8.76
				013825	90670	2205120  560230		2025/9	6.43
				013825	28104	2205120  560230		2025/9	1.40
				013825	90669	2205120  560230		2025/9	8.20
				013825	HFZ3825YW2	2205120  560230		2025/9	18.87
				013825	90674SS	2205120  560230		2025/9	4.68
				013830	2344242	2205404  560200		2025/9	44.69
				013837	7525FE	2205120  560230		2025/9	33.46
				013717	7060	2205120  560200		2025/9	4.15
				013717	4579	2205120  560200		2025/9	6.97
				013717	2725	2205120  560200		2025/9	15.58
				013717	5W20BULK	2205120  560210		2025/9	23.66
				013720	615	2205403  560210		2025/9	45.90
				013722	2413	2205120  560230		2025/9	42.00
				013732	4075660C1	2205010  560200		2025/9	41.44
				013744	HDRTU1GAL	2205010  560200		2025/9	51.48
				013745	60241B	2205305  560200		2025/9	21.44
				013755	LUGLOCK	2205010  560190		2025/9	53.40
				013899	789DEF	2205403  560210		2025/9	11.11
				013899	773780	2205403  560210		2025/9	23.38
				013901	4479	2205010  560200		2025/9	-8.70
				013901	3128	2205010  560200		2025/9	-19.73

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CHECK DATE	CHECK #	VENDOR	NAME	INVOICE	DESCRIPTION	G/L NUMBER	PROJECT	YEAR/PERIOD	AMOUNT
				013921	683052	2205410  560200		2025/9	15.84
				013921	384457	2205410  560200		2025/9	23.37
				013926	6244606	2205120  560230		2025/9	61.48
				013941	46181500	2205305  560200		2025/9	24.33
				013941	25676	2205305  560200		2025/9	4.09
				013953	10873	2205010  560200		2025/9	50.84
				013965	10332	2205120  560230		2025/9	53.04
				013968	63PM50	2205305  560200		2025/9	33.62
				013972	7631111	2205120  560230		2025/9	21.39
				013980	502	2205400  560200		2025/9	43.34
				013984	FA110G	2205400  560200		2025/9	18.52
				013984	502	2205400  560200		2025/9	21.67
						<b>Total For Check # 327076</b>			<b>1,913.54</b>
03/13/2025	327077			013236	6930	2205415  560200		2025/9	-22.28
				013236	57008652AA	2205415  560200		2025/9	41.76
				013267	789DEF	2205410  560210		2025/9	11.11
				013665	W80553	2205415  560230		2025/9	9.94
				013665	W80553	2205415  560230		2025/9	9.94
				013668	9006N	2205010  560200		2025/9	14.64
				013676	615	2205400  560230		2025/9	9.18
				013678	75115	2205415  560210		2025/9	19.00
				013681	485	2205010  560230		2025/9	10.83
				013686	2413	2205120  560230		2025/9	7.00
				013701	690404S	2205010  560200		2025/9	8.64
				013704	789DEF	2205415  560210		2025/9	11.11
				013704	2413	2205415  560210		2025/9	3.50
				013706	9080XL	2205120  560230		2025/9	15.56
				013708	104	2205010  560230		2025/9	20.65

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CHECK DATE	CHECK #	VENDOR	NAME	INVOICE	DESCRIPTION	G/L NUMBER	PROJECT	YEAR/PERIOD	AMOUNT
				013390	2413	2205120  560230		2025/9	7.00
				013393	789DEF	2205403  560210		2025/9	11.11
				013394	NP22	2205305  560200		2025/9	7.82
				013401	7051216	2205010  560200		2025/9	-14.20
				013402	FLOORSCREW	2205305  560200		2025/9	21.00
				013407	NNGB53	2205305  560200		2025/9	13.07
				013410	9080XL	2205120  560230		2025/9	15.56
				013411	787143	2205403  560200		2025/9	5.98
				013411	15329	2205403  560230		2025/9	14.28
				013412	9080XXL	2205120  560230		2025/9	15.56
				013416	BKMAT1415UL	2205120  560230		2025/9	13.87
				013612	6519	2205400  560200		2025/9	15.03
				013617	2413	2205120  560230		2025/9	7.00
				013618	HT1250XL	2205120  560230		2025/9	11.64
				013618	25676	2205120  560230		2025/9	4.09
				013619	NP22	2205305  560200		2025/9	7.82
				013620	2413	2205120  560230		2025/9	7.00
				013625	5W30BULK	2205120  560210		2025/9	7.62
				013625	0W20BULK	2205120  560210		2025/9	10.74
				013639	2413	2205120  560230		2025/9	14.00
				013652	FL3Z17526A	2205305  560210		2025/9	14.82
				013653	60221B	2205305  560210		2025/9	19.96
				013657	905008	2205120  560230		2025/9	16.34
				013756	9080XL	2205120  560230		2025/9	15.56
				013757	1759	2205400  560200		2025/9	15.88
				013759	9080XXL	2205120  560230		2025/9	15.56
				013761	2413	2205120  560230		2025/9	7.00
				013771	NBCKT13	2205120  560230		2025/9	5.10

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CHECK DATE	CHECK #	VENDOR	NAME	INVOICE	DESCRIPTION	G/L NUMBER	PROJECT	YEAR/PERIOD	AMOUNT
				013774	27100	2205400  560230		2025/9	6.06
				013787	SWANKLAKE	2205120  560230		2025/9	21.10
				013796	9832	2205403  560210		2025/9	9.24
				013810	2413	2205120  560230		2025/9	7.00
				013810	NBCKT13	2205120  560230		2025/9	5.10
				013816	357BPZ3	2205120  560230		2025/9	5.76
				013846	789DEF	2205403  560210		2025/9	11.11
				013710	W54238	2205010  560200		2025/9	15.71
				013716	90442	2205120  560230		2025/9	9.90
				013726	NPB22	2205120  560200		2025/9	15.60
				013728	2413	2205120  560230		2025/9	7.00
				013734	46AWBULK	2205010  560200		2025/9	12.40
				013746	2413	2205120  560230		2025/9	7.00
				013900	194N	2205305  560200		2025/9	0.43
				013900	1255H7N	2205305  560200		2025/9	17.16
				013903	2413	2205120  560230		2025/9	7.22
				013904	S161023611	2205010  560200		2025/9	14.88
				013908	BKMAT1415UL	2205120  560230		2025/9	13.87
				013909	LUGLOCK	2205010  560200		2025/9	13.35
				013916	MT1116	2205010  560230		2025/9	3.68
				013916	MT1115	2205010  560230		2025/9	3.08
				013918	26PB	2205210  560230		2025/9	20.08
				013919	RTU1DEX	2205410  560210		2025/9	18.60
				013934	789DEF	2205400  560210		2025/9	11.11
				013940	OP6889	2205305  560200		2025/9	11.47
				013947	WJ201A	2205010  560200		2025/9	9.66
				013949	2413	2205120  560230		2025/9	7.22
				013952	2413	2205120  560230		2025/9	7.22

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				013985	8465AAA	2205010  560200		2025/9	-18.00
				013986	8465AAA	2205400  560200		2025/9	-18.00
				<b>Total For Check # 327077</b>					<b>732.80</b>
03/13/2025	327078			013666	7701755	2205120  560230		2025/9	1.99
				013674	4057LLN	2205406  560200		2025/9	1.70
				013395	92506	2205305  560200		2025/9	2.43
				013633	92506	2205305  560210		2025/9	2.43
				013788	3867471	2205010  560200		2025/9	2.99
				013817	7251675	2205403  560230		2025/9	0.03
				013817	906PAB2	2205403  560230		2025/9	2.97
				013818	7251661	2205403  560230		2025/9	4.96
				013819	903PAB2	2205403  560230		2025/9	1.18
				013839	2413	2205120  560230		2025/9	3.50
				013721	2413	2205120  560230		2025/9	3.50
				013742	7051215	2205010  560200		2025/9	1.34
				013742	7051023	2205010  560200		2025/9	1.19
				013907	75130	2205120  560230		2025/9	3.09
				013911	615	2205010  560210		2025/9	4.59
				013917	71841	2205120  560230		2025/9	1.78
				013935	7701755	2205120  560230		2025/9	1.99
				013950	05113	2205010  560230		2025/9	0.01
				013961	7031699	2205010  560200		2025/9	4.93
				013970	3101215	2205010  560200		2025/9	3.89
				013977	5051212	2205010  560200		2025/9	0.53
				<b>Total For Check # 327078</b>					<b>51.02</b>
03/13/2025	327080	4349 OKIE PACKAGING & INDUSTRIAL SUPPLIES		317681BO	PW STOCK	220  141000		2025/9	617.10
				<b>Total For Check # 327080</b>					<b>617.10</b>

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CHECK DATE	CHECK #	VENDOR	NAME	INVOICE	DESCRIPTION	G/L NUMBER	PROJECT	YEAR/PERIOD	AMOUNT
03/13/2025	327081	4097 OKRA OKLAHOMA RECYCLING ASSOCIATION		C25-011	C25-011	2205010  530850		2025/9	30.00
						<b>Total For Check # 327081</b>			<b>30.00</b>
03/13/2025	327082	96 OTA PIKEPASS CENTER		20250200105	20250200105 2/28/2025	2205120  550030		2025/9	5.32
				20250200105	20250200105 2/28/2025	2205010  550030		2025/9	611.14
				20250200105	20250200105 2/28/2025	2205200  550030		2025/9	10.54
				20250200105	20250200105 2/28/2025	2205205  550030		2025/9	13.28
				20250200105	20250200105 2/28/2025	2205305  550030		2025/9	20.29
				20250200105	20250200105 2/28/2025	2205400  550030		2025/9	7.86
				20250200105	20250200105 2/28/2025	2205403  550030		2025/9	24.85
				20250200105	20250200105 2/28/2025	2205405  550030		2025/9	1.10
				20250200105	20250200105 2/28/2025	2205406  550030		2025/9	2.61
				20250200105	20250200105 2/28/2025	2205410  550030		2025/9	449.95
				20250200105	20250200105 2/28/2025	2205415  550030		2025/9	19.58
						<b>Total For Check # 327082</b>			<b>1,166.52</b>
03/13/2025	327084	1111 P&K EQUIPMENT		5696657	CITY COUNCIL APPROVED 08/05/24	2205305  570030	2553050	2025/9	16,800.00
						<b>Total For Check # 327084</b>			<b>16,800.00</b>
03/13/2025	327086	232 PREFERRED BUSINESS SYSTEMS		DC027510	DC027510	2205010  540330		2025/9	161.00
				DC027510	DC027510	2205406  540330		2025/9	99.00
				INV254144	INV254144 FEB 2025 OVERAGES	2205400  540550		2025/9	11.23
				INV254144	INV254144 FEB 2025 OVERAGES	2205010  540550		2025/9	67.77
				INV254144	INV254144 FEB 2025 OVERAGES	2205406  540550		2025/9	39.94
						<b>Total For Check # 327086</b>			<b>378.94</b>
03/13/2025	327087	1678 PSI WATER TECHNOLOGIES INC		INV0008409	0000-MC0531-AB ASM, ELECTROLYTIC CELL, NOVA SERIES	2205405  560450		2025/9	42,389.12
						<b>Total For Check # 327087</b>			<b>42,389.12</b>

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03/13/2025	327088	1672 PURVIS INDUSTRIES		31993656	Semilube Auto grease Cup; 125ml, SL01-125, Filled	2205410  560210		2025/9	1,216.90
				31993656	Semilube Auto grease Cup; 125ml, SL01-125, Filled	2205410  560230		2025/9	79.65
						<b>Total For Check # 327088</b>			<b>1,296.55</b>
03/13/2025	327090	1612 RITZ/LONE STAR SAFETY & SUPPLY INC		6892585	JACKETS FOR SOLID WASTE & RECYCLE - JERRY S.	2205010  560100		2025/9	641.67
						<b>Total For Check # 327090</b>			<b>641.67</b>
03/13/2025	327091	4816 RIVER CITY HYDRAULICS INC		56152	CITY COUNCIL APPROVED 09/03/24 (PLACE HOLDER)	2205010  570020	2550110	2025/9	432,612.55
				56153	CITY COUNCIL APPROVED 09/03/24 (PLACE HOLDER)	2205010  570020	2550110	2025/9	432,612.55
						<b>Total For Check # 327091</b>			<b>865,225.10</b>
03/13/2025	327092	201 ROYAL PRINTING		66085	66085	2205010  560030		2025/9	16.50
						<b>Total For Check # 327092</b>			<b>16.50</b>
03/13/2025	327093	1725 RUSH TRUCK CENTERS OF OKLAHOMA INC		3039787461	Diagnose Engine issues-Unit #2206	2205010  540200		2025/9	10,653.63
						<b>Total For Check # 327093</b>			<b>10,653.63</b>
03/13/2025	327094	86 SAFETY KLEEN SYSTEMS INC		96561254	96561254	2205120  540550		2025/9	603.19
						<b>Total For Check # 327094</b>			<b>603.19</b>
03/13/2025	327097	335 SERVICE OKLAHOMA		L0261940120	L0261940120	2201700  560230		2025/9	51.00
						<b>Total For Check # 327097</b>			<b>51.00</b>
03/13/2025	327098	81 SHERWIN WILLIAMS CO		02032119790225	BLANKET PO FOR PAINT SUPPLIES	2201700  570150	2217090	2025/9	22.76
						<b>Total For Check # 327098</b>			<b>22.76</b>
03/13/2025	327103	268 SOUTHERN TIRE MART		3500254736	UNIT # 1534	2205305  540200		2025/9	316.25
						<b>Total For Check # 327103</b>			<b>316.25</b>

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03/13/2025	327109	723 THE MET	2949	2949	2205010  550100		2025/9	12,508.92
<b>Total For Check # 327109</b>								<b>12,508.92</b>
03/13/2025	327112	4478 TRANSCO SUPPLY COMPANY INC	1060498	pw stock order-padlock	220  141000		2025/9	1,249.92
			1060276	FOR BATTLECREEK GOLF COURSE	2205010  560240		2025/9	3,835.00
<b>Total For Check # 327112</b>								<b>5,084.92</b>
03/13/2025	327117	3096 TULSA RECYCLE & TRANSFER INC	2502BA	2502BA 2/4/2025	2205010  540350		2025/9	22,060.06
			9252	9252 02/28/2025	2205010  540350		2025/9	327.96
<b>Total For Check # 327117</b>								<b>22,388.02</b>
03/13/2025	327119	4962 TULSA WINWATER CO.	032377 01	032377 01 2/17/2025	2205400  560400		2025/9	439.40
<b>Total For Check # 327119</b>								<b>439.40</b>
03/13/2025	327121	591 UNION PACIFIC RAILROAD	338693749	CROSSING PIPELINE PRJ S.22020	2205415  570160	S.22020	2025/9	2,000.00
<b>Total For Check # 327121</b>								<b>2,000.00</b>
03/13/2025	327122	744 UNITED RENTALS, INC	243706430-001	243706430-001	2205410  540320		2025/9	862.94
<b>Total For Check # 327122</b>								<b>862.94</b>
03/13/2025	327123	44 UTILITY SUPPLY	206531	206531 02/28/2025	2205400  570150	2254400	2025/9	272.00
			206532	206532 2/28/2025	2205400  570150	2254400	2025/9	374.78
<b>Total For Check # 327123</b>								<b>646.78</b>
03/13/2025	327124	48 WARREN POWER & MACHINERY, INC.	P3113501	ATTACHMENTS FOR EQUIPMENT- BRYCE	2205403  570030	2554200	2025/9	7,000.00
<b>Total For Check # 327124</b>								<b>7,000.00</b>
03/13/2025	327125	897 WASTE MANAGEMENT QUARRY LANDFILL	0067310-2185-0	0067310-2185-0 5-50248-03006 2/1- 28/2025 STREETS	2205010  540300		2025/9	900.12
<b>Total For Check # 327125</b>								<b>900.12</b>

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03/13/2025	327126	385 WATKINS SAND COMPANY INC		38360X	BLANKET PO FOR BACKFILL SAND & MASONRY SAND	2205400  570150	2254400	2025/9	130.00
						<b>Total For Check # 327126</b>			<b>130.00</b>
03/13/2025	327128	2346 WEX FLEET UNIVERSAL		103213288	FUEL 103213288	220  143015		2025/9	1,955.97
						<b>Total For Check # 327128</b>			<b>1,955.97</b>
03/13/2025	327130	4190 WINDOWS XPRESS LLC		0001232025	0001232025 1/23/2025	2205405  540550		2025/9	225.00
						<b>Total For Check # 327130</b>			<b>225.00</b>
03/13/2025	327131	1095 WINDSTREAM HOLDINGS II LLC		101124486 03032025	FY25 ANNUAL AGREEMENT	2205100  550220		2025/9	121.83
						<b>Total For Check # 327131</b>			<b>121.83</b>
03/20/2025	327139	2546 MATTHEW GREEN		CDL 02262025	CDL REIMB	2205120  530110		2025/9	18.00
						<b>Total For Check # 327139</b>			<b>18.00</b>
03/20/2025	327141	999900 OTP - AR REFUNDS		REC-021855-2024	MISSED REFUND	22061  441000		2025/9	1,254.00
				REC-021855-2024	MISSED REFUND	22062  444110		2025/9	141.00
						<b>Total For Check # 327141</b>			<b>1,395.00</b>
03/20/2025	327154	9 A & N TRAILER PARTS INC		00386889	BLANKET PO TRAILER PARTS	2205403  560200		2025/9	243.85
				00386884	BLANKET PO TRAILER PARTS	2205400  560200		2025/9	70.55
						<b>Total For Check # 327154</b>			<b>314.40</b>
03/20/2025	327155	416 ACCURATE ENVIRONMENTAL LLC		S20341	S20341 3/5/2025	2205415  530110		2025/9	30.00
				S20343	S20343 3/5/2025	2205415  530110		2025/9	310.00
						<b>Total For Check # 327155</b>			<b>340.00</b>
03/20/2025	327156	489 ADMIRAL EXPRESS LLC		2548912-01	CHAIR FOR JAMEY	2205130  560240		2025/9	320.00
						<b>Total For Check # 327156</b>			<b>320.00</b>

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03/20/2025	327157	149	AMERICAN ELECTRIC POWER/PSO	847-581-0-4 02172025	957-847-581-0-4 FEB 17, 2025 8203 S ELM PL	2205406  550250		2025/9	23.55
				967-889-0-7 02182025	FY25 ANNUAL AGREEMENT	2205406  550250		2025/9	40.71
				873-526-0-6 02182025	FY25 ANNUAL AGREEMENT	2205406  550250		2025/9	23.90
				104-129-0-7 02182025	FY25 ANNUAL AGREEMENT	2205406  550250		2025/9	23.74
				554-689-0-9 02182025	FY25 ANNUAL AGREEMENT	2205406  550250		2025/9	23.45
				384-392-0-9 02182025	FY25 ANNUAL AGREEMENT	2205406  550250		2025/9	23.45
				001-501-0-9 02182025	FY25 ANNUAL AGREEMENT	2205406  550250		2025/9	23.55
				540-379-4-6 02282025	954-540-379-4-6 FEB 28, 2025 13874 1/2 S 177TH E A	2205410  550250		2025/9	4,962.13
				540-379-4-6 02282025	954-540-379-4-6 FEB 28, 2025 13803 S 177TH E AVE	2205410  550250		2025/9	7,202.33
				540-379-4-6 02282025	954-540-379-4-6 FEB 28, 2025 13834 S 177TH E AVE	2205410  550250		2025/9	27,883.93
					<b>Total For Check # 327157</b>				<b>40,230.74</b>
03/20/2025	327158	2143	AERZEN USA CORP	SEPI-25-001298	2000032716 12 each V-belt - in stock	2205405  560450		2025/9	686.13
					<b>Total For Check # 327158</b>				<b>686.13</b>
03/20/2025	327159	4918	AIRGAS, INC	9158704803	BLANKET PO WELDING MATERIAL	2205405  560110		2025/9	1,586.52
					<b>Total For Check # 327159</b>				<b>1,586.52</b>
03/20/2025	327160	1670	ALAN PLUMMER ASSOCIATES INC	59604A	Oak Crest Sewer S.23070 FINAL HALF OF 59604	2205415  570160	S.23070	2025/9	2,500.00
					<b>Total For Check # 327160</b>				<b>2,500.00</b>
03/20/2025	327161	1241	ALL MAINTENANCE SUPPLY INC	00143560-01	pw stock order	220  141000		2025/9	874.00
					<b>Total For Check # 327161</b>				<b>874.00</b>

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03/20/2025	327163	4935	AMAZON.COM SALES INC	1DKH-VRX7-6FGH	OFFICE CHAIR WHEELS FOR KIN	2205115  560230		2025/9	169.95
				1H61-PX49-6DY7	desk calendar for bids	2205130  560030		2025/9	15.95
				1DMP-MQNP-HQYJ	Keyboard	2205130  560230		2025/9	97.84
				1VVV-MMHK-WC93	SUPPLIES FOR OFFICE & TARA	2201503  560030		2025/9	16.77
				1D34-GJQX-3NK9	BLANKET PO	220  141000		2025/9	78.10
				1C3C-PNKN-FPP3	ITEM: Notice - Employees Only Beyond This Point S	2205130  560230		2025/9	9.99
<b>Total For Check # 327163</b>									<b>388.60</b>
03/20/2025	327164	11	ANCHOR STONE CO	250089309	BACKUP BID BLANKET PO FOR AGGREGATE	2205400  570150	2254400	2025/9	451.93
				250190009	BACKUP BID BLANKET PO FOR AGGREGATE	2205400  560270		2025/9	438.22
				250319909	BACKUP BID BLANKET PO FOR AGGREGATE	2205400  560280		2025/9	287.85
<b>Total For Check # 327164</b>									<b>1,178.00</b>
03/20/2025	327165	4846	APAC-CENTRAL, INC.	7002197577	BLANKET PO FOR ASHPALT	2205400  560270		2025/9	341.08
<b>Total For Check # 327165</b>									<b>341.08</b>
03/20/2025	327166	1468	ARLEDGE & ASSOCIATES, P.C.	49497	49497 3/10/2025	2201503  530810		2025/9	12,500.00
<b>Total For Check # 327166</b>									<b>12,500.00</b>
03/20/2025	327168	885	ATWOOD DISTRIBUTING LP	3441	BLANKET PO SAFETY SHOES & MISC ITEMS	2205305  560100		2025/9	104.99
<b>Total For Check # 327168</b>									<b>104.99</b>
03/20/2025	327170	3694	BEST TOOLS INC	S1777	MISC ITMS FOR BRYCE	2205403  560230		2025/9	773.02
<b>Total For Check # 327170</b>									<b>773.02</b>
03/20/2025	327171	4669	BLACKHAWK INDUSTRIAL DISTRBUTION INC	852770	PW STOCK	220  141000		2025/9	245.18

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						<b>Total For Check # 327171</b>			<b>245.18</b>
03/20/2025	327174	4674	BOOT BARN INC	INV00460049	BLANKET PO - BOOT BARN	2205305  560100		2025/9	188.95
				INV00460058	BLANKET PO - BOOT BARN	2205400  560100		2025/9	139.49
				INV00460052	BLANKET PO - BOOT BARN	2205200  560100		2025/9	200.00
						<b>Total For Check # 327174</b>			<b>528.44</b>
03/20/2025	327176	19	BROKEN ARROW ELECTRIC SUPPLY INC	S3318497.001	BLANKET PO FOR MISC ELECTRICAL	2201700  570150	2217090	2025/9	24.07
				S3317614.001	BLANKET PO FOR MISC ELECTRICAL	2201700  570150	2217090	2025/9	106.00
				S3279500.002	BLANKET PO FOR MISC ELECTRICAL	2205410  560450		2025/9	2,172.35
				S3312932.001	BLANKET PO FOR MISC ELECTRICAL	2205010  560240		2025/9	210.03
						<b>Total For Check # 327176</b>			<b>2,512.45</b>
03/20/2025	327177	20	BROKEN ARROW LAWN & GARDEN	113636	SMALL ENGINE PARTS	2205400  540290		2025/9	10.24
				113640	SMALL ENGINE PARTS	2205400  540290		2025/9	43.22
						<b>Total For Check # 327177</b>			<b>53.46</b>
03/20/2025	327178	594	BUILDERS SUPPLY, INC.	788042	BLANKET PO FOR MISC BUILDING SUPPLIES	2201700  570150	2217090	2025/9	468.56
						<b>Total For Check # 327178</b>			<b>468.56</b>
03/20/2025	327180	28	CARLTON BATES COMPANY	165532	Replacement Inductive Sensors	2205410  560450		2025/9	44.19
				167418	Replacement Inductive Sensors	2205410  560450		2025/9	736.65
						<b>Total For Check # 327180</b>			<b>780.84</b>
03/20/2025	327184	2083	CHEMTRADE CHEMICALS US LLC	90206060	BLANKET PO FOR LIQUID AMMONIUM SULFATE	2205405  560340		2025/9	16,264.40

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						<b>Total For Check # 327184</b>			<b>16,264.40</b>
03/20/2025	327186	37	CINTAS CORPORATION	5258939007	BLANKET PO FOR MEDICAL SUPPLIES	2205305  560230		2025/9	168.83
						<b>Total For Check # 327186</b>			<b>168.83</b>
03/20/2025	327187	1391	CLEAN THE UNIFORM CO OKLAHOMA	52123987	52123987 MARCH 7, 2025	2205405  540310		2025/9	57.49
				52123987	52123987 MARCH 7, 2025	2205405  540330		2025/9	7.50
				52123988	52123988 3/7/2025	2205410  540310		2025/9	31.92
				52123988	52123988 3/7/2025	2205410  540330		2025/9	7.20
				52123988	52123988 3/7/2025	2205410  540330		2025/9	3.75
						<b>Total For Check # 327187</b>			<b>107.86</b>
03/20/2025	327188	3832	CLOSED LOOP FUND	1022	INV 1022 MARCH 4, 2025	2205010  584010		2025/9	30,952.38
				1023	INV 1023 MARCH 4, 2025	2205010  584010		2025/9	14,925.37
						<b>Total For Check # 327188</b>			<b>45,877.75</b>
03/20/2025	327191	936	CROSSLAND HEAVY CONTRACTORS INC	PA 17 FINAL 2154200	LLWWTP Belt Filter Press 2154200	2205410  570150	2154200	2025/9	100,063.61
						<b>Total For Check # 327191</b>			<b>100,063.61</b>
03/20/2025	327193	4037	D&H UNITED FUELING SOLUTIONS INC	0147562	DIAG FOR THE FUEL PUMP ISSUE AT FLEET LOCATION	2205120  540550		2025/9	332.30
						<b>Total For Check # 327193</b>			<b>332.30</b>
03/20/2025	327195	634	DELL MARKETING L.P.	10794520504	Optiplex PC for Justin Mcquire	2205405  560240		2025/9	1,114.16
						<b>Total For Check # 327195</b>			<b>1,114.16</b>
03/20/2025	327197	1223	EASTON SOD FARMS INC	0269154	BLANKET PO FOR BERMUDA SOD- BACKUP	2205305  560230		2025/9	617.70
						<b>Total For Check # 327197</b>			<b>617.70</b>
03/20/2025	327200	4635	ENTECH SALES & SERVICE, LLC	SRVCE00392086	SRVCE00392086 3/6/2025	2205410  540290		2025/9	1,764.53

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						<b>Total For Check # 327200</b>			<b>1,764.53</b>
03/20/2025	327201	64	FEDERAL EXPRESS CORPORATION	8-790-14302	3695-9670-5 MARCH 6, 2025 8-790-14302	2205205  550390		2025/9	40.08
						<b>Total For Check # 327201</b>			<b>40.08</b>
03/20/2025	327202	1231	AT&T MOBILITY LLC	287319339297X03202	287319339297X03082025 FEB 28, 2025	2205405  550540		2025/9	98.59
				5					
				287319339297X03202	287319339297X03082025 FEB 28, 2025	2205415  550540		2025/9	40.04
				5					
				287319339297X03202	287319339297X03082025 FEB 28, 2025	2205205  550540		2025/9	51.86
				5					
				287319339297X03202	287319339297X03082025 FEB 28, 2025	2205200  550540		2025/9	51.86
				5					
				287319339297X03202	287319339297X03082025 FEB 28, 2025	2205210  550540		2025/9	51.85
				5					
				287319339297X03202	287319339297X03082025 FEB 28, 2025	2205400  560240		2025/9	40.04
				5					
				287319339297X03202	287319339297X03082025 FEB 28, 2025	2205415  560240		2025/9	40.04
				5					
				287319339297X03202	287319339297X03082025 FEB 28, 2025	2205305  560240		2025/9	120.84
				5					
				287319339297X03202	287319339297X03082025 FEB 28, 2025	2205010  560240		2025/9	89.52
				5					
						<b>Total For Check # 327202</b>			<b>584.64</b>
03/20/2025	327203	674	GARVER ENGINEERS	2402096-2	Battle Creek Tank Replacement 2554680	2205400  570160	2554680	2025/9	7,018.10
				2401110-2	2554620 Water Master Plan	2205400  570160	2554620	2025/9	14,675.88
				2401215-2	2025 On Call Water Modeling	2205205  530870	2552130	2025/9	799.25
				2401099-7	Old Town W/L Storm Improvements 2254401	2205400  570160	2254401	2025/9	34,042.25
						<b>Total For Check # 327203</b>			<b>56,535.48</b>
03/20/2025	327204	153	GELLCO UNIFORMS & SHOES INC	00296126	BLANKET PO FOR SAFETY SHOES	2205406  560100		2025/9	161.99

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				00295463	BLANKET PO FOR SAFETY SHOES	2205200  560100		2025/9	152.99
						<b>Total For Check # 327204</b>			<b>314.98</b>
03/20/2025	327205	1256	GEODECA LLC	2502014	2502014 MARCH 7, 2025	2205305  530870		2025/9	2,096.00
						<b>Total For Check # 327205</b>			<b>2,096.00</b>
03/20/2025	327207	4963	GLASS WORKS INC.	38034	BLANKET PO FOR GLASS REPAIR	2205010  540200		2025/9	459.00
						<b>Total For Check # 327207</b>			<b>459.00</b>
03/20/2025	327208	76	GRAINGER	9419383089	54TM96 Socket Bit, Steel, 1/2 in, TpSz 12 mm Part	2205415  560230		2025/9	67.80
						<b>Total For Check # 327208</b>			<b>67.80</b>
03/20/2025	327209	77	GRAND RIVER DAM AUTHORITY	72,225	72,225 03/6/2025	2205405  550940		2025/9	157.53
						<b>Total For Check # 327209</b>			<b>157.53</b>
03/20/2025	327210	79	GREEN ACRE SOD FARMS	8171	BLANKET PO FOR BERMUDA SOD	2205305  560230		2025/9	15.20
				8262	BLANKET PO FOR BERMUDA SOD	2205400  560230		2025/9	95.00
						<b>Total For Check # 327210</b>			<b>110.20</b>
03/20/2025	327211	969	GREENHILL MATERIALS	270288	PRIMARY BLANKET FOR 8" SURGE ROCK	2205305  560230		2025/9	178.34
				270602	PRIMARY BLANKET FOR 8" SURGE ROCK	2205305  560270		2025/9	179.30
						<b>Total For Check # 327211</b>			<b>357.64</b>
03/20/2025	327212	106	HACH COMPANY	14383026	BLANKET PO CHEM/LAB SUPPLIES	2205410  560340		2025/9	771.94
				14386744	BLANKET PO CHEM/LAB SUPPLIES	2205404  560340		2025/9	56.38
						<b>Total For Check # 327212</b>			<b>828.32</b>

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03/20/2025	327213	369 HAYNES EQUIPMENT CO	INV8131021	Gorman rupp parts	2205415  560410		2025/9	1,645.53
<b>Total For Check # 327213</b>								<b>1,645.53</b>
03/20/2025	327214	1144 HDR, INC	1200705008	VRWTP Raw Water Pump Agreement	2205405  570160	2454140	2025/9	22,461.34
			1200702413	BLANKET PO FOR ON CALL SERVICES	2205405  530870		2025/9	2,368.12
<b>Total For Check # 327214</b>								<b>24,829.46</b>
03/20/2025	327215	1582 IMPERIAL LLC	2870:7865430	2870:7865430 FEB 11, 2025	2205305  560230		2025/9	45.62
<b>Total For Check # 327215</b>								<b>45.62</b>
03/20/2025	327220	5131 KEVIN BEHE	13000	CITY COUNCIL APPROVED 09/09/24	2205100  540070		2025/9	1.04
			13000	CITY COUNCIL APPROVED 09/09/24	2205120  540070		2025/9	0.42
			13000	CITY COUNCIL APPROVED 09/09/24	2205305  540070		2025/9	0.31
			13000	CITY COUNCIL APPROVED 09/09/24	2205410  540070		2025/9	4.87
			13019	CITY COUNCIL APPROVED 09/09/24	2205100  540070		2025/9	1.30
			13019	CITY COUNCIL APPROVED 09/09/24	2205120  540070		2025/9	0.52
			13019	CITY COUNCIL APPROVED 09/09/24	2205305  540070		2025/9	0.39
			13019	CITY COUNCIL APPROVED 09/09/24	2205410  540070		2025/9	6.09
			13075	CITY COUNCIL APPROVED 09/09/24	2205100  540070		2025/9	1.30
			13075	CITY COUNCIL APPROVED 09/09/24	2205120  540070		2025/9	0.52
			13075	CITY COUNCIL APPROVED 09/09/24	2205305  540070		2025/9	0.39
			13075	CITY COUNCIL APPROVED 09/09/24	2205410  540070		2025/9	6.09

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				13080	CITY COUNCIL APPROVED 09/09/24	2205100  540070		2025/9	0.78
				13080	CITY COUNCIL APPROVED 09/09/24	2205120  540070		2025/9	0.31
				13080	CITY COUNCIL APPROVED 09/09/24	2205305  540070		2025/9	0.23
				13080	CITY COUNCIL APPROVED 09/09/24	2205410  540070		2025/9	3.65
				13049	CITY COUNCIL APPROVED 09/09/24	2205100  540070		2025/9	1.04
				13049	CITY COUNCIL APPROVED 09/09/24	2205120  540070		2025/9	0.42
				13049	CITY COUNCIL APPROVED 09/09/24	2205305  540070		2025/9	0.31
				13049	CITY COUNCIL APPROVED 09/09/24	2205410  540070		2025/9	4.87
<b>Total For Check # 327220</b>									<b>34.85</b>
03/20/2025	327221	2004 KIMLEY-HORN & ASSOCIATES INC.		064598217-0125	Traffic Engineering Prof Services	2205205  530870	2552140	2025/9	5,970.00
<b>Total For Check # 327221</b>									<b>5,970.00</b>
03/20/2025	327224	614 LIGHTING INC/BROKEN ARROW ELECTRIC		S3317592.001	BLANKET PO FOR MISC. LIGHTING	2201700  570150	2217090	2025/9	864.86
<b>Total For Check # 327224</b>									<b>864.86</b>
03/20/2025	327225	131 LOCKE SUPPLY COMPANY		54743228-00	BLANKET PO FOR PLUMBING & ELECTRICAL SUPPLIES	2201700  570150	2217090	2025/9	169.56
				54776179-00	BLANKET PO FOR PLUMBING & ELECTRICAL SUPPLIES	2201700  570150	2217090	2025/9	65.18
				54780828-00	BLANKET PO FOR PLUMBING & ELECTRICAL SUPPLIES	2205120  560180		2025/9	29.96
				54868823-00	BLANKET PO FOR PLUMBING & ELECTRICAL SUPPLIES	2205010  540630		2025/9	11.50
				54861793-00	BLANKET PO FOR PLUMBING & ELECTRICAL SUPPLIES	2201700  570150	2217090	2025/9	23.00
				54897241-00	BLANKET PO FOR PLUMBING & ELECTRICAL SUPPLIES	2201700  570150	2217090	2025/9	36.18

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				54923446-00	BLANKET PO FOR PLUMBING & ELECTRICAL SUPPLIES	2205400  570150	2254400	2025/9	11.34
				54925188-00	BLANKET PO FOR PLUMBING & ELECTRICAL SUPPLIES	2205400  570150	2254400	2025/9	6.27
				54944006-00	BLANKET PO FOR PLUMBING & ELECTRICAL SUPPLIES	2205415  560230		2025/9	97.80
				54929248-00	BLANKET PO FOR PLUMBING & ELECTRICAL SUPPLIES	2205415  560230		2025/9	43.35
				54903892-00	BLANKET PO FOR PLUMBING & ELECTRICAL SUPPLIES	2205415  560400		2025/9	11.88
				54911321-00	BLANKET PO FOR PLUMBING & ELECTRICAL SUPPLIES	2205120  560230		2025/9	6.39
				54904790-00	BLANKET PO FOR PLUMBING & ELECTRICAL SUPPLIES	2201700  570150	2217090	2025/9	12.64
					<b>Total For Check # 327225</b>				<b>525.05</b>
03/20/2025	327227	5075	LUBEQUIP USA, LLC	16757	IUBE EQUIPMENT FOR NEW PM BUILDING - PJ#2551150	2205120  570150	2551150	2025/9	1,383.60
				16802	PROJECT 2551150 - PM FLEET BUILDING	2205120  570150	2551150	2025/9	546.40
					<b>Total For Check # 327227</b>				<b>1,930.00</b>
03/20/2025	327228	908	MCMASTER CARR	40766494	MACHINERY AND HARDWARE, INDUSTRIAL	2205410  560310		2025/9	595.86
					<b>Total For Check # 327228</b>				<b>595.86</b>
03/20/2025	327230	1592	MORTON SALT INC	5403359908	BLANKET PO FOR WTP SALT	2205405  560340		2025/9	8,845.62
					<b>Total For Check # 327230</b>				<b>8,845.62</b>
03/20/2025	327232	25	NAPA AUTO PARTS	13850	8822	2205010  560230		2025/9	359.52
				13850	122492	2205010  560230		2025/9	81.76
				13852	90442	2205120  560230		2025/9	118.80
				13853	7237	2205403  560200		2025/9	138.69
				13853	7237	2205403  560200		2025/9	27.00
				13853	7237	2205403  560200		2025/9	-27.00

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				13855	F014315	2205406  560190		2025/9	293.98
				13865	403417	2205120  560230		2025/9	15.38
				13865	631454	2205120  560230		2025/9	45.47
				13867	K119697	2205305  560200		2025/9	252.76
				13868	4980581	2205010  560200		2025/9	135.80
				13868		2205010  560200		2025/9	15.75
				13872	52123639AA	2205406  560200		2025/9	670.67
				13873	85905	2205403  560210		2025/9	47.77
				13875	F002766	2205115  560190		2025/9	161.42
				13876	AIMKITB	2205010  560200		2025/9	400.78
				13877	AIMKITB	2205305  560200		2025/9	400.78
				13880	388BDM	2205010  560190		2025/9	547.98
				13880	205	2205010  560190		2025/9	53.34
				13881	AN225001001	2205010  560200		2025/9	101.39
				13881	CA009562030	2205010  560200		2025/9	110.58
				13881	AN125001002	2205010  560200		2025/9	101.29
				13882	6932	2205010  560200		2025/9	30.46
				13882	4479	2205010  560200		2025/9	8.70
				13882	3128	2205010  560200		2025/9	19.73
				13882	600185	2205010  560200		2025/9	24.38
				13882	400316	2205010  560200		2025/9	18.45
				13882	15W40BULK	2205010  560210		2025/9	35.90
				13883	9910	2205010  560200		2025/9	39.08
				13883	1748XD	2205010  560200		2025/9	36.67
				13883	600564	2205010  560200		2025/9	31.00
				13883	PF46235	2205010  560200		2025/9	37.42
				13883	9082	2205010  560200		2025/9	13.44
				13883	2809	2205010  560200		2025/9	55.25

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CHECK DATE	CHECK #	VENDOR	NAME	INVOICE	DESCRIPTION	G/L NUMBER	PROJECT	YEAR/PERIOD	AMOUNT
				13883	15W40BULK	2205010  560210		2025/9	100.52
				13884	FR11110	2205010  560200		2025/9	14.58
				13884	FF63041NN	2205010  560200		2025/9	48.33
				13884	K371017	2205010  560200		2025/9	77.14
				13884	1748XD	2205010  560200		2025/9	36.67
				13884	6771	2205010  560200		2025/9	45.94
				13884	6770	2205010  560200		2025/9	80.05
				13884	15W40BULK	2205010  560210		2025/9	104.11
				13890	131571	2205010  560200		2025/9	37.80
				13890	84215791	2205010  560200		2025/9	18.40
				13892	F013868	2205210  560190		2025/9	193.28
				13895	F013868	2205210  560190		2025/9	-193.28
				13896	VD0A2C95549400	2205010  560200		2025/9	88.06
				13896		2205010  560200		2025/9	25.00
				013996	732810	2205010  560200		2025/9	117.00
				013999	550045126	2205405  560210		2025/9	18.32
				013999	85805	2205405  560210		2025/9	47.77
				014005	490885	2205305  560200		2025/9	114.39
				014011	491049	2205305  560200		2025/9	132.78
				014013	P125	2205120  560230		2025/9	43.00
				014013	P075	2205120  560230		2025/9	36.62
				014013	P150	2205120  560230		2025/9	47.32
				014013	P100	2205120  560230		2025/9	33.82
				014014	7060	2205406  560200		2025/9	4.15
				014014	2725	2205406  560200		2025/9	15.58
				014014	RTU1EXT	2205406  560210		2025/9	8.61
				014014	5W20BULK	2205406  560210		2025/9	23.66
				014014	2413	2205406  560230		2025/9	7.22

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				014018	BP1306600	2205403  560200		2025/9	126.66
				014021	2872545RX	2205403  560200		2025/9	558.53
				014021	2872545RX	2205403  560200		2025/9	73.15
				014022	5573487	2205120  560240		2025/9	39.20
				014022		2205120  560240		2025/9	25.00
				014023	1365	2205305  560200		2025/9	4.15
				014023	3972	2205305  560200		2025/9	7.11
				014023	1129188	2205305  560200		2025/9	77.48
				014023	6449	2205305  560200		2025/9	12.88
				014023	15W40BULK	2205305  560210		2025/9	14.36
				014132	600001	2205010  560200		2025/9	63.13
				014133	8494RAAA	2205415  560200		2025/9	129.51
				014133	8494RAAA	2205415  560200		2025/9	18.00
				014133	8494RAAA	2205415  560200		2025/9	-18.00
				014134	3250	2201700  560240		2025/9	-176.00
				014134	64250	2201700  560240		2025/9	-312.00
				014136	388BDM	2205010  560190		2025/9	1,095.96
				014136	205	2205010  560190		2025/9	106.68
				014137	1791	2205010  560200		2025/9	19.94
				014137	2803	2205010  560200		2025/9	54.90
				014138	388BDM	2205010  560190		2025/9	547.98
				014138	205	2205010  560190		2025/9	53.34
				014139	F003159	2205010  560190		2025/9	1,126.24
				014139	205	2205010  560190		2025/9	53.34
				014143	7234	2205010  560200		2025/9	461.52
				014143	7234	2205010  560200		2025/9	81.00
				014146	388BDM	2205010  560190		2025/9	1,095.96
				014146	205	2205010  560190		2025/9	106.68

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CHECK DATE	CHECK #	VENDOR	NAME	INVOICE	DESCRIPTION	G/L NUMBER	PROJECT	YEAR/PERIOD	AMOUNT
				014147	AN225001001	2205010  560200		2025/9	101.39
				014147	AN125001001	2205010  560200		2025/9	45.84
				014147	CA009562030	2205010  560200		2025/9	110.58
				014147	502	2205010  560200		2025/9	43.34
				014148	7234	2205010  560200		2025/9	-54.00
				014149	491403	2205010  560210		2025/9	120.38
				014151	4928594	2205010  560200		2025/9	157.91
				014154	003148004AA	2205010  560200		2025/9	288.22
				014154	538018010	2205010  560200		2025/9	133.73
				014154		2205010  560200		2025/9	10.38
				014155	388BDM	2205010  560190		2025/9	547.98
				014155	LUGLOCK	2205010  560190		2025/9	26.70
				014155	205	2205010  560190		2025/9	53.34
				014156	A0695605001	2205010  560200		2025/9	288.88
				014156	A0695605000	2205010  560200		2025/9	288.88
				014157	6903117	2205400  560210		2025/9	79.00
				014158	HDRTU1GAL	2205010  560210		2025/9	51.48
				014162	737213	2205400  560200		2025/9	229.56
				014162		2205400  560200		2025/9	15.00
				014164	8T4778	2205403  560200		2025/9	63.58
				014164	1359397	2205403  560200		2025/9	282.07
				014164	1592953	2205403  560200		2025/9	39.27
				014165	XPS301	2205010  560200		2025/9	91.32
				014167	7823114	2205010  560200		2025/9	100.74
				014171	388BDM	2205010  560190		2025/9	547.98
				014171	205	2205010  560190		2025/9	53.34
				014173	46AWBULK	2205010  560210		2025/9	198.40
				014179	F013868	2205100  560190		2025/9	193.28

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CHECK DATE	CHECK #	VENDOR	NAME	INVOICE	DESCRIPTION	G/L NUMBER	PROJECT	YEAR/PERIOD	AMOUNT
				014182	789DEF	2205010  560210		2025/9	1,066.56
				014184	3600A	2205010  560200		2025/9	871.60
				014184	GD4707QG	2205010  560200		2025/9	318.88
				014184	GD4707QG	2205010  560200		2025/9	124.00
				014184	2866636	2205010  560200		2025/9	14.19
				014190	7060	2205115  560200		2025/9	4.15
				014190	2725	2205115  560200		2025/9	15.58
				014190	5W20BULK	2205115  560210		2025/9	23.66
				014194	2032055C1	2205010  560200		2025/9	57.88
				014196	BOS6224366D60	2205010  560200		2025/9	231.59
				014203	91025	2205120  560230		2025/9	88.49
				014204	68378369AF	2205115  560200		2025/9	47.76
<b>Total For Check # 327232</b>									<b>18,150.84</b>
03/20/2025	327233			13851	789DEF	2205415  560210		2025/9	11.11
				13854	789DEF	2205403  560210		2025/9	11.11
				13856	502	2205305  560200		2025/9	43.34
				13859	2413	2205120  560230		2025/9	7.00
				13859	75130	2205120  560230		2025/9	3.09
				13860	789DEF	2205305  560210		2025/9	11.11
				13866	9006XSN	2205010  560200		2025/9	6.87
				13866	787102	2205010  560200		2025/9	4.89
				13874	501	2205010  560200		2025/9	17.66
				13886	SL4344	2205120  560230		2025/9	8.48
				13888	9080XXL	2205120  560230		2025/9	15.56
				13889	97817	2205403  560200		2025/9	20.20
				13891	HDMICABLE	2205120  560230		2025/9	14.43
				13894	2413	2205120  560230		2025/9	7.22
				13897	4934747	2205010  560200		2025/9	33.89

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				013990	4934280	2205010  560200		2025/9	14.56
				013994	8992810	2205120  560230		2025/9	12.24
				013995	617533	2205120  560230		2025/9	30.49
				013997	7631111	2205120  560230		2025/9	21.39
				013998	4320P	2205120  560230		2025/9	7.34
				014001	7680	2205010  560230		2025/9	21.96
				014004	MCFE225SU	2205120  560230		2025/9	9.43
				014004	MCFE250SU	2205120  560230		2025/9	10.26
				014004	MCFE100SU	2205120  560230		2025/9	13.32
				014017	46AWBULK	2205305  560210		2025/9	29.76
				014019	1255H11N	2205305  560200		2025/9	8.58
				014024	34426	2205415  560230		2025/9	27.60
				014025	6923	2201700  560230		2025/9	26.64
				014025		2201700  560230		2025/9	7.38
				014026	789DEF	2205400  560210		2025/9	11.11
				014026	AS250	2205400  560210		2025/9	3.63
				014027	3963990	2205403  560200		2025/9	7.12
				014028	2413	2205120  560230		2025/9	10.83
				014135	46AWBULK	2205010  560210		2025/9	29.76
				014140	400106	2205010  560200		2025/9	19.92
				014150	9080XXL	2205120  560230		2025/9	15.56
				014150	2413	2205120  560230		2025/9	7.22
				014153	9080XL	2205120  560230		2025/9	15.56
				014159	HDRTU1GAL	2205010  560210		2025/9	8.58
				014160	26PB	2205010  560230		2025/9	10.04
				014166	6923	2201700  560230		2025/9	26.64
				014166		2201700  560230		2025/9	7.38
				014170	789DEF	2205403  560210		2025/9	11.11

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				014174	370003A	2205010  560200		2025/9	36.19
				014180	06133	2205120  560230		2025/9	6.81
				014183	7502	2205200  560200		2025/9	4.15
				014183	9883	2205200  560200		2025/9	12.45
				014183	5W20BULK	2205200  560210		2025/9	23.66
				014185	3566160C1	2205010  560200		2025/9	10.50
				014185	2866636	2205010  560200		2025/9	-14.19
				014186	3157N	2205400  560200		2025/9	2.16
				014197	2413	2205120  560230		2025/9	5.44
				014202	9832	2205403  560210		2025/9	9.24
						<b>Total For Check # 327233</b>			<b>737.78</b>
03/20/2025	327235	5149	OFFEN PETROLEUM LLC	INV1479521	FUEL FOR FLEET LOCATION	220  142000		2025/9	17,044.63
						<b>Total For Check # 327235</b>			<b>17,044.63</b>
03/20/2025	327236	4349	OKIE PACKAGING & INDUSTRIAL SUPPLIES	318013	BLANKET ORDER FOR BLANKET PO FOR FIRE JANITORIAL	2201700  560300		2025/9	1,609.62
				318025	PW STOCK	220  141000		2025/9	18.60
				317993	Zenatize Foaming Disinfectant	220  141000		2025/9	227.04
						<b>Total For Check # 327236</b>			<b>1,855.26</b>
03/20/2025	327241	232	PREFERRED BUSINESS SYSTEMS	INV251873	INV251873 2/7/2025	2205010  540550		2025/9	55.66
				INV251873	INV251873 2/7/2025	2205406  540550		2025/9	34.24
						<b>Total For Check # 327241</b>			<b>89.90</b>
03/20/2025	327242	736	PENSKE COMMERCIAL VEHICLES US LLC	12582619	UNIT #1228	2205010  540200		2025/9	4,933.89
						<b>Total For Check # 327242</b>			<b>4,933.89</b>
03/20/2025	327246	4765	R.S. HUGHES CO. INC.	81404652-00	PW STOCK-GLOVES	220  141000		2025/9	1,469.75

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						<b>Total For Check # 327246</b>			<b>1,469.75</b>
03/20/2025	327248	922 REXEL USA INC		S141869344.001	AB 1766-L32AWAA MICROLOGIX 1400 32 POINT CONTROLL	2205405  560450		2025/9	1,709.63
						<b>Total For Check # 327248</b>			<b>1,709.63</b>
03/20/2025	327249	2173 RJN GROUP INC		420803	CITY COUNCIL APPROVED 12/03/2024	2205415  540460		2025/9	5,446.00
						<b>Total For Check # 327249</b>			<b>5,446.00</b>
03/20/2025	327255	80 SMITH & LOVELESS INC		182788	Smith & loveless lift station parts	2205415  560410		2025/9	2,010.10
						<b>Total For Check # 327255</b>			<b>2,010.10</b>
03/20/2025	327256	303 SMITH FARM & GARDEN CO		75534	UNIT # 0075	2205415  540200		2025/9	343.53
						<b>Total For Check # 327256</b>			<b>343.53</b>
03/20/2025	327257	3932 SOONER LOCK & KEY INC		118192839	BLANKET PO FOR KEYS	2205403  560230		2025/9	25.80
						<b>Total For Check # 327257</b>			<b>25.80</b>
03/20/2025	327258	4931 HOWARD DCIII LLC		429380	unit # 1528	2205406  540200		2025/9	6,437.72
						<b>Total For Check # 327258</b>			<b>6,437.72</b>
03/20/2025	327262	234 STOREY TOWING LLC		57276	INV 57276 MARCH 11, 2025	2205403  540200		2025/9	342.00
				57286	57286 MARCH 11, 2025	2205010  540200		2025/9	342.00
				57336	57336 3/13/2025	2205010  540200		2025/9	342.00
				57330	57330 3/13/2025	2205010  540200		2025/9	342.00
						<b>Total For Check # 327262</b>			<b>1,368.00</b>
03/20/2025	327265	1705 THIRD GENERATION ELECTRICAL INC		PC-00252	ELECTRICAL TRANSFER SWITCH AT FLEET	2205120  570150	2451070	2025/9	15,159.00
						<b>Total For Check # 327265</b>			<b>15,159.00</b>
03/20/2025	327268	4478 TRANSCO SUPPLY COMPANY INC		1060543	911 MEDICAL LATEX GLOVES	220  141000		2025/9	2,265.50

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Fund 220

CHECK DATE	CHECK #	VENDOR	NAME	INVOICE	DESCRIPTION	G/L NUMBER	PROJECT	YEAR/PERIOD	AMOUNT
				1060544	PW STOCK	220  141000		2025/9	2,184.00
				1060576	PW STOCK ORDER	220  141000		2025/9	568.65
				1060422	PW STOCK ORDER	220  141000		2025/9	54.67
<b>Total For Check # 327268</b>									<b>5,072.82</b>
03/20/2025	327269	4083 TUFTILE INC		30860-TLE	PW STOCK	220  141000		2025/9	2,489.88
<b>Total For Check # 327269</b>									<b>2,489.88</b>
03/20/2025	327270	1489 TULSA HEALTH DEPARTMENT		NV2503011	NV2503011 03/05/2025	2205405  530340		2025/9	107.00
<b>Total For Check # 327270</b>									<b>107.00</b>
03/20/2025	327272	1496 TWIN CITIES READY MIX INC		299267	BLANKET PO FOR CONCRETE	2205305  560270		2025/9	474.00
				299349	BLANKET PO FOR CONCRETE	2205400  570150	2254400	2025/9	362.50
				299440	BLANKET PO FOR CONCRETE	2205400  570150	2254400	2025/9	217.50
<b>Total For Check # 327272</b>									<b>1,054.00</b>
03/20/2025	327273	744 UNITED RENTALS, INC		241247960-002	BLANKET PO FOR MISC RENTALS	2205410  540320		2025/9	2,813.40
				237664897-001	CITY COUNCIL APPROVED 11/05/2024	2205410  570030	2554410	2025/9	67,957.05
				244107457-002	BLANKET PO FOR MISC RENTALS	2205410  540320		2025/9	473.00
				245215708-001	2425215708-001	2205410  540320		2025/9	1,810.94
				24161710-002	241671710-002 01/07/2025	2205410  540320		2025/9	6,557.00
				241671710-001	241671710-001 12/10/2024	2205410  540320		2025/9	6,857.54
				241229518-002	241229518-002 12/31/2024	2205410  540320		2025/9	8,014.90
				243022112-002	243022112-002 02/28/2025	2205415  540320		2025/9	4,710.00
<b>Total For Check # 327273</b>									<b>99,193.83</b>
03/20/2025	327274	3262 HD SUPPLY, INC		INV00634295	Laboratory Supplies	2205410  560340		2025/9	548.03

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Fund 220

CHECK DATE	CHECK #	VENDOR	NAME	INVOICE	DESCRIPTION	G/L NUMBER	PROJECT	YEAR/PERIOD	AMOUNT
						<b>Total For Check # 327274</b>			<b>548.03</b>
03/20/2025	327275	868	COUNTRY FORD-MERCURY INC	83471	CITY COUNCIL APPROVED 08/05/2024	2205400  570020	2554020	2025/9	88,441.10
				83458	CITY COUNCIL APPROVED 08/05/2024	2205400  570020	2554030	2025/9	88,441.10
						<b>Total For Check # 327275</b>			<b>176,882.20</b>
03/20/2025	327277	897	WASTE MANAGEMENT QUARRY LANDFILL	2396592-1006-0	2396592- 1006-0 03/03/2025	2205403  540330		2025/9	496.35
				0067313-2185-4	0067313-2185-4 03/03/2025	2205010  540300		2025/9	66,195.44
						<b>Total For Check # 327277</b>			<b>66,691.79</b>
03/20/2025	327278	1537	WATER TECH INC	156613	BLANKET PO FOR POLYMER FOR SLUDGE	2205405  560340		2025/9	5,590.75
						<b>Total For Check # 327278</b>			<b>5,590.75</b>
03/20/2025	327279	26	WHITE STAR MACHINERY & SUPPLY	07340802	UNIT # 2204 - JEFF	2205403  540200		2025/9	1,681.38
				07336165	EMERGENCY RENTAL - JOHN B.	2205400  540320		2025/9	-1,366.22
						<b>Total For Check # 327279</b>			<b>315.16</b>
03/20/2025	327280	1095	WINDSTREAM HOLDINGS II LLC	101148159 02262025	FY25 ANNUAL AGREEMENT	2205410  550220		2025/9	92.69
				100738910 03052025	FY25 ANNUAL AGREEMENT	2205405  550220		2025/9	349.96
						<b>Total For Check # 327280</b>			<b>442.65</b>
03/20/2025	327282	996	CITY OF BROKEN ARROW	151382	Payroll Run 1 - Warrant 250214	220  218180		2025/8	857.07
				151382	Payroll Run 1 - Warrant 250214	220  218360		2025/8	4,357.24
				153893	Payroll Run 1 - Warrant 250314	220  218180		2025/9	857.07
				153893	Payroll Run 1 - Warrant 250314	220  218360		2025/9	4,517.51
						<b>Total For Check # 327282</b>			<b>10,588.89</b>
03/20/2025	327284			153201	Payroll Run 1 - Warrant 250228	220  218180		2025/8	857.07

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CHECK DATE	CHECK #	VENDOR	NAME	INVOICE	DESCRIPTION	G/L NUMBER	PROJECT	YEAR/PERIOD	AMOUNT
				153201	Payroll Run 1 - Warrant 250228	220  218360		2025/8	4,357.24
					<b>Total For Check # 327284</b>				<b>5,214.31</b>
03/20/2025	327285	856 AMERICAN FIDELITY ASSURANCE CO.		153200	Payroll Run 1 - Warrant 250228	220  218420		2025/8	296.34
				153200	Payroll Run 1 - Warrant 250228	220  218430		2025/8	16.50
					<b>Total For Check # 327285</b>				<b>312.84</b>
03/20/2025	327286	4904 AMERITAS LIFE INSURANCE CORP.		153206	Payroll Run 1 - Warrant 250228	220  218240		2025/8	3,986.90
					<b>Total For Check # 327286</b>				<b>3,986.90</b>
03/20/2025	327287	4633 COLONIAL LIFE & ACCIDENT INSURANCE COMPANY		149331	Payroll Run 1 - Warrant 250131	220  218590		2025/7	4,130.14
				153205	Payroll Run 1 - Warrant 250228	220  218590		2025/8	3,993.54
					<b>Total For Check # 327287</b>				<b>8,123.68</b>
03/20/2025	327288	1319 COMMUNITY CARE EAP		153202	Payroll Run 1 - Warrant 250228	220  218560		2025/8	239.20
					<b>Total For Check # 327288</b>				<b>239.20</b>
03/20/2025	327289	1550 GENESIS HEALTH CLUBS		149329	Payroll Run 1 - Warrant 250131	220  218150		2025/7	666.34
				153203	Payroll Run 1 - Warrant 250228	220  218150		2025/8	612.26
					<b>Total For Check # 327289</b>				<b>1,278.60</b>
03/20/2025	327290	159 PRE-PAID LEGAL SERVICES, INC.		153199	Payroll Run 1 - Warrant 250228	220  218100		2025/8	851.79
					<b>Total For Check # 327290</b>				<b>851.79</b>
03/20/2025	327291	4905 METROPOLITAN LIFE INSURANCE COMPANY		153207	Payroll Run 1 - Warrant 250228	220  218340		2025/8	3,905.59
				153207	Payroll Run 1 - Warrant 250228	220  218480		2025/8	5,211.84
				153207	Payroll Run 1 - Warrant 250228	220  218590		2025/8	1,283.13
					<b>Total For Check # 327291</b>				<b>10,400.56</b>
03/20/2025	327292	1987 SURENCY LIFE & HEALTH INS.		153204	Payroll Run 1 - Warrant 250228	220  218460		2025/8	221.00

Prepared : 3/24/2025 10:38:46 AM

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Fund 220

CHECK DATE	CHECK #	VENDOR CO.	NAME	INVOICE	DESCRIPTION	G/L NUMBER	PROJECT	YEAR/PERIOD	AMOUNT
						Total For Check # 327292			221.00
						Total For Fund 220			2,228,837.84
						Number of Invoices For Fund 220			1,091



# City of Broken Arrow

## Request for Action

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**File #: 25-428, Version: 1**

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**Broken Arrow Municipal Authority  
Meeting of: 04-01-2025**

**Title:**

Consideration, discussion, and possible approval of award of the lowest responsible bid to Belt Construction, Inc. and authorize execution of a construction contract for the County Line Trunk Sewer Phase IIA - Sanitary Sewer Improvements (Project No. 2154250)

**Background:**

The gravity sanitary sewer line along 23<sup>rd</sup> Street (County Line) from the Lynn Lane Wastewater Treatment Plant to New Orleans Street is one of the oldest sewer lines in the City of Broken Arrow's sanitary sewer system. Continued growth in the City and frequent sink holes along the sanitary sewer line have created a need for the replacement and upsizing of this sanitary sewer line.

Phase I of this project was the replacement and upsize of gravity sanitary sewer line on 23<sup>rd</sup> Street (County Line) from the Lynn Lane Wastewater Treatment Plant to about 900 feet north of Florence Street. Phase I construction started in the summer of 2019 and completed winter of 2020. This phase, Phase IIA, will continue with the replacement and upsizing of our gravity sewer line on 23<sup>rd</sup> Street from about 900 feet north of Florence Street to New Orleans Street. This project consists of the replacement and upsizing via open cut and boring of approximately 4,550 feet of 48-inch and 133 feet of 36-inch existing PVC gravity sanitary sewer and new fiberglass manholes. Construction time will be 240 calendar days.

The project was advertised on February 27<sup>th</sup> and March 6<sup>th</sup>, 2025. An optional Pre-Bid Meeting was held virtually on March 5<sup>th</sup>, 2025. There were five (5) bids received on March 20<sup>th</sup>, 2025. The Certified Bid Tabulation is attached. The lowest responsible base bid was Belt Construction, Inc. for a Base Bid of \$5,852,572.00. The Engineer's Estimate for the Base Bid is \$5,956,733.20.

**Cost:** \$5,852,572.00

**Funding Source:** OWRB Loan

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

**Approved By:** City Manager's Office

**Attachments:** 20250325-Certified Bid Tabulation-County Line Phase IIA-2154250

**Recommendation:**

Award the lowest responsible bid to Belt Construction, Inc. and approve and authorize execution of a construction contract for the County Line Trunk Sewer Phase IIA - Sanitary Sewer Improvements (Project No. 2154250)

County Line Trunk Sewer Phase IIA - Sanitary Sewer Improvements (#9480312)

Owner: Broken Arrow, City of

Solicitor: Broken Arrow, City of

03/20/2025 01:45 PM CDT

Section Title	Line Item	Item Code	Item Description	UoM	Quantity	Engineer Estimate		Belt construction, Inc		TimberWolf Excavating LLC		Spless Construction Co., Inc.		Timco		McGuire Brothers		
						Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	
	1	NA	MOBILIZATION/DEMOLITION	LS	1	\$308,000.00	\$308,000.00	\$200,000.00	\$200,000.00	\$205,400.00	\$205,400.00	\$350,000.00	\$350,000.00	\$500,000.00	\$500,000.00	\$658,362.00	\$658,362.00	
	2	NA	AS-BUILT DRAWINGS	LS	1	\$5,500.00	\$5,500.00	\$4,500.00	\$4,500.00	\$25,000.00	\$25,000.00	\$5,000.00	\$5,000.00	\$25,000.00	\$25,000.00	\$15,000.00	\$15,000.00	
	3	NA	SITE CLEARING AND RESTORATION OF EASEMENT & RIGHTS OF WAY	LS	1	\$27,720.00	\$27,720.00	\$150,000.00	\$150,000.00	\$20,000.00	\$20,000.00	\$10,000.00	\$10,000.00	\$50,000.00	\$50,000.00	\$8,000.00	\$8,000.00	
	4	NA	CONTRACTOR CONSTRUCTION STAKING, LEVEL II	LS	1	\$18,150.00	\$18,150.00	\$14,000.00	\$14,000.00	\$15,000.00	\$15,000.00	\$25,000.00	\$25,000.00	\$35,000.00	\$35,000.00	\$12,000.00	\$12,000.00	
	5	NA	CONSTRUCTION TRAFFIC CONTROL	LS	1	\$16,500.00	\$16,500.00	\$10,000.00	\$10,000.00	\$45,000.00	\$45,000.00	\$20,000.00	\$20,000.00	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00	
	6	NA	TEMPORARY SEDIMENT CONTROL	LS	1	\$16,500.00	\$16,500.00	\$15,000.00	\$15,000.00	\$50,000.00	\$50,000.00	\$35,000.00	\$35,000.00	\$21,000.00	\$21,000.00	\$30,000.00	\$30,000.00	
	7	NA	STORMWATER POLLUTION PREVENTION PLAN MANAGEMENT	LS	1	\$11,000.00	\$11,000.00	\$1,200.00	\$1,200.00	\$20,000.00	\$20,000.00	\$5,000.00	\$5,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	
	8	NA	BYPASS PUMPING	LS	1	\$23,100.00	\$23,100.00	\$50,000.00	\$50,000.00	\$150,000.00	\$150,000.00	\$200,000.00	\$200,000.00	\$120,000.00	\$120,000.00	\$25,000.00	\$25,000.00	
	9	NA	FORESTRY & TREE CLEARING	LS	1	\$5,500.00	\$5,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$6,000.00	\$6,000.00	\$6,000.00	\$6,000.00
	10	NA	PROJECT SIGN	EA	2	\$1,650.00	\$3,300.00	\$1,100.00	\$2,200.00	\$2,500.00	\$5,000.00	\$2,000.00	\$4,000.00	\$1,500.00	\$3,000.00	\$1,000.00	\$2,000.00	
	11	NA	8" SANITARY SEWER PIPE	LF	20	\$165.00	\$3,300.00	\$185.00	\$3,700.00	\$3,500.00	\$7,000.00	\$700.00	\$14,000.00	\$165.75	\$3,315.00	\$680.00	\$13,600.00	
	12	NA	12" SANITARY SEWER PIPE	LF	37	\$208.00	\$7,733.00	\$200.00	\$7,400.00	\$500.00	\$18,500.00	\$1,000.00	\$37,000.00	\$191.50	\$7,085.50	\$710.00	\$26,270.00	
	13	NA	36" SANITARY SEWER PIPE	LF	133	\$352.00	\$46,816.00	\$435.00	\$57,855.00	\$510.00	\$67,830.00	\$610.00	\$81,130.00	\$496.00	\$65,968.00	\$1,120.00	\$148,960.00	
	14	NA	48" SANITARY SEWER PIPE	LF	4280	\$561.00	\$2,401,080.00	\$650.00	\$2,782,000.00	\$750.00	\$3,210,000.00	\$852.00	\$3,646,560.00	\$995.00	\$4,258,600.00	\$1,190.00	\$5,093,200.00	
	15	NA	48" SANITARY SEWER PIPE, RESTRAINED JOINT	LF	353	\$584.00	\$209,882.00	\$800.00	\$282,400.00	\$750.00	\$264,750.00	\$852.00	\$300,756.00	\$668.00	\$235,804.00	\$1,240.00	\$437,720.00	
	16	NA	CONCRETE ENCASMENT WITH CUTOFF WALL FOR 48" SS PIPE	LF	53	\$770.00	\$40,810.00	\$1,500.00	\$79,500.00	\$1,500.00	\$79,500.00	\$380.00	\$20,140.00	\$384.00	\$20,352.00	\$1,000.00	\$53,000.00	
	17	NA	66" STEEL ENCASMENT BY TRENCHLESS METHODS	LF	230	\$2,860.00	\$657,800.00	\$4,000.00	\$920,000.00	\$4,800.00	\$1,104,000.00	\$4,035.00	\$928,050.00	\$9,372.00	\$2,155,560.00	\$12,000.00	\$2,760,000.00	
	18	NA	8" DIA. FRP SS MANHOLE (6' DEPTH)	EA	11	\$61,600.00	\$677,600.00	\$21,000.00	\$231,000.00	\$45,980.00	\$505,780.00	\$75,000.00	\$825,000.00	\$69,000.00	\$759,000.00	\$63,000.00	\$693,000.00	
	19	NA	8" DIA. FRP SS MANHOLE (VF/MH OVER 6' DEPTH)	VF	167	\$2,035.00	\$339,845.00	\$1,400.00	\$233,800.00	\$1,200.00	\$200,400.00	\$200.00	\$33,400.00	\$3,515.00	\$587,005.00	\$300.00	\$50,100.00	
	20	NA	8" DIA. FRP SS MANHOLE (6' DEPTH) WITH OUTSIDE DROP	EA	4	\$83,600.00	\$334,400.00	\$24,000.00	\$96,000.00	\$52,400.00	\$209,600.00	\$80,000.00	\$320,000.00	\$56,496.00	\$225,984.00	\$66,000.00	\$264,000.00	
	21	NA	8" DIA. FRP SS DROP MANHOLE (VF/MH OVER 6' DEPTH)	VF	76	\$2,200.00	\$167,200.00	\$1,400.00	\$106,400.00	\$1,250.00	\$95,000.00	\$200.00	\$15,200.00	\$1,500.00	\$114,000.00	\$300.00	\$22,800.00	
	22	NA	4" DIA. PRECAST DOGHOUSE SS MANHOLE (6' DEPTH)	EA	1	\$8,250.00	\$8,250.00	\$25,000.00	\$25,000.00	\$8,500.00	\$8,500.00	\$27,000.00	\$27,000.00	\$6,941.00	\$6,941.00	\$9,000.00	\$9,000.00	
	23	NA	4" DIA. PRECAST SS MANHOLE (VF/MH OVER 6' DEPTH)	VF	10	\$561.00	\$5,610.00	\$1.00	\$10.00	\$500.00	\$5,000.00	\$100.00	\$1,000.00	\$1,500.00	\$15,000.00	\$200.00	\$2,000.00	
	24	NA	5" DIA. PRECAST DOGHOUSE SS MANHOLE (6' DEPTH)	EA	1	\$9,900.00	\$9,900.00	\$26,000.00	\$26,000.00	\$10,000.00	\$10,000.00	\$28,500.00	\$28,500.00	\$8,068.00	\$8,068.00	\$11,000.00	\$11,000.00	
	25	NA	5" DIA. PRECAST DOGHOUSE SS MANHOLE (VF/MH OVER 6' DEPTH)	VF	5	\$660.00	\$3,300.00	\$1.00	\$5.00	\$600.00	\$3,000.00	\$100.00	\$500.00	\$1,807.00	\$9,035.00	\$250.00	\$1,250.00	
	26	NA	FRP MANHOLE STUBOUT (FIELD LOCATED & INSTALLED) (8")	EA	5	\$4,400.00	\$22,000.00	\$6,800.00	\$34,000.00	\$5,000.00	\$25,000.00	\$15,000.00	\$75,000.00	\$5,000.00	\$25,000.00	\$1,000.00	\$5,000.00	
	27	NA	FRP MANHOLE STUBOUT (42")	EA	1	\$5,060.00	\$5,060.00	\$18,000.00	\$18,000.00	\$15,000.00	\$15,000.00	\$20,000.00	\$20,000.00	\$25,000.00	\$25,000.00	\$5,000.00	\$5,000.00	
	28	NA	SANITARY SEWER PIPE ABANDONMENT (8")	LF	101	\$33.00	\$3,333.00	\$2.00	\$202.00	\$40.00	\$4,040.00	\$4.00	\$404.00	\$105.00	\$10,605.00	\$15.00	\$1,515.00	
	29	NA	SANITARY SEWER PIPE ABANDONMENT (12")	LF	82	\$38.50	\$3,157.00	\$5.00	\$410.00	\$40.00	\$3,280.00	\$5.00	\$410.00	\$105.00	\$8,610.00	\$30.00	\$2,460.00	
	30	NA	SANITARY SEWER PIPE ABANDONMENT (27")	LF	636	\$44.00	\$27,984.00	\$20.00	\$12,720.00	\$50.00	\$31,800.00	\$20.00	\$12,720.00	\$57.00	\$36,252.00	\$40.00	\$25,440.00	
	31	NA	SANITARY SEWER PIPE ABANDONMENT (30")	LF	268	\$49.50	\$13,266.00	\$64.00	\$17,152.00	\$65.00	\$17,420.00	\$33.00	\$8,844.00	\$68.00	\$18,224.00	\$96.00	\$25,728.00	
	32	NA	SANITARY SEWER PIPE ABANDONMENT (33")	LF	129	\$52.80	\$6,811.20	\$30.00	\$3,870.00	\$70.00	\$9,030.00	\$34.00	\$4,386.00	\$88.00	\$11,352.00	\$100.00	\$12,900.00	
	33	NA	SANITARY SEWER PIPE ABANDONMENT (36")	LF	3607	\$55.00	\$198,385.00	\$30.00	\$108,210.00	\$50.00	\$180,350.00	\$35.00	\$126,245.00	\$80.00	\$288,560.00	\$60.00	\$216,420.00	
	34	NA	SANITARY SEWER PIPE ABANDONMENT (48")	LF	211	\$77.00	\$16,247.00	\$55.00	\$11,605.00	\$80.00	\$16,880.00	\$63.00	\$13,293.00	\$117.00	\$24,687.00	\$120.00	\$25,320.00	
	35	NA	SANITARY SEWER MANHOLE ABANDONMENT	EA	16	\$2,200.00	\$35,200.00	\$2,000.00	\$32,000.00	\$2,500.00	\$40,000.00	\$2,000.00	\$32,000.00	\$10,500.00	\$168,000.00	\$2,500.00	\$40,000.00	
	36	NA	CONNECT EXISTING 8" SANITARY SEWER	EA	1	\$3,300.00	\$3,300.00	\$3,000.00	\$3,000.00	\$5,000.00	\$5,000.00	\$15,000.00	\$15,000.00	\$4,215.50	\$4,215.50	\$1,000.00	\$1,000.00	
	37	NA	CONNECT EXISTING 12" SANITARY SEWER	EA	5	\$3,850.00	\$19,250.00	\$6,000.00	\$30,000.00	\$5,000.00	\$25,000.00	\$15,000.00	\$75,000.00	\$4,361.00	\$21,805.50	\$1,500.00	\$7,500.00	
	38	NA	CONNECT EXISTING 33" SANITARY SEWER	EA	1	\$8,250.00	\$8,250.00	\$16,000.00	\$16,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$8,300.00	\$8,300.00	\$6,000.00	\$6,000.00	
	39	NA	CONNECT EXISTING 36" SANITARY SEWER	EA	1	\$11,000.00	\$11,000.00	\$16,000.00	\$16,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$11,781.00	\$11,781.00	\$6,000.00	\$6,000.00	
	40	NA	CONNECT EXISTING 48" SANITARY SEWER	EA	1	\$13,200.00	\$13,200.00	\$16,000.00	\$16,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$40,738.00	\$40,738.00	\$8,000.00	\$8,000.00	
	41	NA	TEMPORARY SEEDING	AC	5	\$1,650.00	\$8,250.00	\$3,600.00	\$18,000.00	\$5,000.00	\$25,000.00	\$4,000.00	\$20,000.00	\$5,000.00	\$25,000.00	\$600.00	\$3,000.00	
	42	NA	PERMANENT SEEDING	AC	3	\$4,400.00	\$13,200.00	\$3,600.00	\$10,800.00	\$5,000.00	\$15,000.00	\$4,000.00	\$12,000.00	\$5,000.00	\$15,000.00	\$600.00	\$1,800.00	
	43	NA	SODDING	AC	3	\$27,500.00	\$82,500.00	\$24,000.00	\$72,000.00	\$38,500.00	\$115,500.00	\$17,000.00	\$51,000.00	\$28,000.00	\$84,000.00	\$36,000.00	\$108,000.00	
	44	NA	BANK STABILIZATION	SY	23	\$220.00	\$5,060.00	\$800.00	\$18,400.00	\$500.00	\$11,500.00	\$10.00	\$230.00	\$498.00	\$11,454.00	\$75.00	\$1,725.00	
	45	NA	REMOVE AND REPLACE CONCRETE DRAINAGE FLUME	LF	8	\$165.00	\$1,320.00	\$300.00	\$2,400.00	\$500.00	\$4,000.00	\$450.00	\$3,600.00	\$304.00	\$2,432.00	\$500.00	\$4,000.00	
	46	NA	REMOVE AND REPLACE AGGREGATE SURFACE	LF	31	\$44.00	\$1,364.00	\$43.00	\$1,333.00	\$50.00	\$1,550.00	\$485.00	\$15,035.00	\$155.00	\$4,805.00	\$30.00	\$930.00	
	47	NA	OWNER ALLOWANCE (\$110,000.00)	LS	1	\$110,000.00	\$110,000.00	\$110,000.00	\$110,000.00	\$110,000.00	\$110,000.00	\$110,000.00	\$110,000.00	\$110,000.00	\$110,000.00	\$110,000.00	\$110,000.00	
<b>Base Bid Total:</b>							\$5,956,733.20		\$5,852,572.00		\$7,034,610.00		\$7,582,403.00		\$10,227,538.00		\$11,000,000.00	

I certify that this is a true and correct Tabulation of Bids Received at 1:45 PM on March 20, 2025. This Document does not imply that the contract will be awarded to any particular bidder. The City of Broken Arrow reserves the right to accept or reject any and all bids.

*Charlie Bright*

Charlie Bright, P.E.  
Director of Engineering & Construction



# City of Broken Arrow

## Request for Action

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**File #: 25-433, Version: 1**

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**Broken Arrow Municipal Authority  
Meeting of: 04-01-2025**

**Title:**

Consideration, discussion, and possible approval of and authorization to execute a Professional Consultant Agreement with HDR Engineering, Inc. for Water and Wastewater System PFAS Compliance Study (Project No. 2554730)

**Background:**

The City of Broken Arrow provides reliable drinking water and wastewater services for approximately 120,000 residents. In April 2024, the Environmental Protection Agency (EPA) published its first drinking water Maximum Contaminant Limits (MCLs) for PFAS (per- and polyfluoroalkyl substances) of 4.0 ng/L for two PFAS compounds (PFOS and PFOA) and a combined Hazard Index (HI) limit for four other PFAS compounds (and individual MCLs of 10 ng/L for three of these compounds - PFHxS, Gen-X, and PFNA). All water utilities are required to begin compliance monitoring by April 2027 with MCL compliance by April 2029. This purpose of this project is for HDR Engineering, Inc. to assist in evaluating the City of Broken Arrow's water and wastewater system with respect to the new PFAS drinking water regulations and potential wastewater implications.

The Water and Wastewater System PFAS Compliance Study Agreement has been negotiated with HDR Engineering, Inc. for \$316,772.00.

**Cost:** \$316,772.00

**Funding Source:** OWRB Funds

**Requested By:** Timothy S. Robins, P.E., Director of Utilities

**Approved By:** City Manager's Office

**Attachments:** 20250326-Agreement with HDR-Water and Wastewater System PFAS Compliance Study-2554730

**Recommendation:**

Approve and authorize execution of a Professional Consultant Agreement with HDR Engineering, Inc. for Water and Wastewater System PFAS Compliance Study (Project No. 2554730)

**AGREEMENT SUMMARY  
BROKEN ARROW MUNICIPAL AUTHORITY**

**WATER AND WASTEWATER SYSTEM PFAS COMPLIANCE STUDY  
PROFESSIONAL CONSULTANT AGREEMENT  
PROJECT NO. 2554730**

**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:** Water and Wastewater System PFAS Compliance Study, Broken Arrow, OK

**3.0 Statement of Purpose:** CONSULTANT understands that the OWNER has retained their professional services to conduct a study to address impacts of current and upcoming regulations regarding PFAS compliance for its water and wastewater systems. The project includes information gathering, sample collection and analysis, assessment of current operations programs (laboratory and industrial pretreatment), and establishing a PFAS compliance plan that identifies potential treatment solutions and program initiatives.

**4.0 Agreement Summary:**

4.1 Agreement Amount:	
a. Project Administration	\$ 25,373
b. Kickoff & Data/Program Review	\$ 41,552
c. PFAS Characterization	\$ 34,510
d. Alternative Evaluation	\$ 123,519
e. Plan Development	\$ 91,818
<b>TOTAL AGREEMENT AMOUNT</b>	<b>\$ 316,772</b>

4.2 Agreement Time: 312 calendar days (NTP to Final Report)

4.3 Estimated Construction Cost: N/A

**5.0 Agreement Approved by the OWNER on: \_\_\_\_\_**

**AGREEMENT  
FOR  
PROFESSIONAL CONSULTANT SERVICES  
BETWEEN  
BROKEN ARROW MUNICIPAL AUTHORITY  
AND  
HDR ENGINEERING, INC.  
FOR  
WATER AND WASTEWATER SYSTEM PFAS COMPLIANCE STUDY  
PROJECT NO. 2554730**

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 conduct a PFAS compliance study of its water and wastewater systems (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: Jordan Grace, P.E.  
Environmental Project 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: \_\_\_\_\_  
Karan Khosla  
Vice President

Date: March 25, 2025

(CORPORATE SEAL, IF APPLICABLE)

Attest: \_\_\_\_\_  
Secretary [Seal]

Date: \_\_\_\_\_

Attest: \_\_\_\_\_  
Jenifer Rayshell, Admin. Assistant

Date: March 25, 2025

Approved as to form:

D. Graham Parker  
Assistant City Attorney

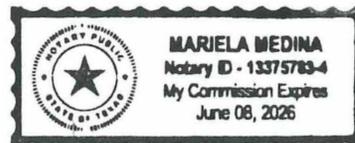
**VERIFICATION**

State of Texas)  
§  
County of Dallas)

Before me, a Notary Public, on this 25th day of March, 2025, personally appeared Karan Khosla, 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  
WATER AND WASTEWATER SYSTEM PFAS COMPLIANCE STUDY  
PROJECT NO. 2554730**

**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**

The Broken Arrow Municipal Authority (BAMA) provides reliable drinking water and wastewater services for approximately 120,000 residents. In April 2024, the Environmental Protection Agency (EPA) published its first drinking water Maximum Contaminant Limits (MCLs) for PFAS (per- and polyfluoroalkyl substances) of 4.0 ng/L for two PFAS compounds (PFOS and PFOA) and a combined Hazard Index (HI) limit for four other PFAS compounds (and individual MCLs of 10 ng/L for three of these compounds – PFHxS, Gen-X, and PFNA). All water utilities are required to begin compliance monitoring by April 2027 with MCL compliance by April 2029. Additionally, enforceable PFAS limits in wastewater effluent and biosolids will likely be established in the near future. Significant capital and operational expenditures may be necessary for utilities with PFAS concentrations requiring treatment enhancements to meet these limits.

BAMA treats water from the Verdigris River and is considering reconnecting the Grand River as an additional source. BAMA previously conducted limited PFAS sampling and analysis from these sources as well as treated drinking water from its water treatment plant. Low concentrations of PFAS compounds have been detected, but additional characterization is needed to determine impact on BAMA's ability to comply with the new regulations. BAMA has not yet conducted sampling for wastewater influent, effluent, and biosolids.

The purpose of this project is for HDR Engineering, Inc. (HDR) to assist BAMA in evaluating BAMA's water and wastewater systems with respect to the new PFAS drinking water regulations and potential wastewater implications. HDR will develop a "roadmap" for future compliance. The study will include additional sampling, evaluation of laboratory practices and operational procedures related to PFAS compliance, identification and evaluation of treatment strategies, evaluation of industrial pretreatment program impacts, and identification of funding.

**2.0 SCOPE OF SERVICES**

The work performed for this PROJECT will be completed in two phases. The first phase (Tasks 2 and 3) focuses on information gathering, sample collection, analysis of historical and additional sampling data, and assessment of current operations programs (laboratory and industrial pretreatment). The second phase (Tasks 4 and 5) focuses on establishing a PFAS compliance plan and includes treatment process/technology evaluation, developing potential treatment solutions and program initiatives, and identifying funding opportunities and follow-on studies (if needed).

Unless noted otherwise, the following assumptions are used for all tasks:

- Meetings will be conducted on Microsoft Teams (Teams) unless specifically noted as an in-person meeting.
- CONSULTANT will prepare an agenda, presentation materials, and a written summary for each meeting.
- A series of draft technical memoranda (TMs) will be submitted as the project progresses. The purpose of the draft TMs is to present project findings and solicit feedback from OWNER. OWNER comments will be addressed in each TM, and the revised content will be incorporated into the final overall report. Final TMs will not be submitted.
- Deliverables will be submitted as PDF files via email. Ten (10) hard copies of the final report will also be provided.
- OWNER will provide review comments on draft deliverables within two weeks of submittal.
- CONSULTANT and OWNER staff will work together to collect samples associated with the project and to coordinate analysis with an external laboratory.
- For water, PFAS sampling and analysis will be conducted using the EPA Method 533 and a modified EPA Method 537.
- For wastewater, PFAS sampling and analysis will be conducted using EPA Method 1633 (PFAS) and EPA Method 1621 (adsorbable organic fluorine [AOF]).
- For wastewater biosolids, sampling and analysis will be conducted using EPA Method 1633 (PFAS).
- OWNER will handle the needed laboratory services through its existing laboratory contract(s).
- It is assumed that the turnaround time for laboratory samples will be three weeks. Longer times may result in an extended schedule.

2.1 ADMINISTRATIVE/MANAGERIAL DUTIES: CONSULTANT will be responsible to perform the following tasks throughout the course of the PROJECT. Complete project set-up activities, establish project management and quality control plans, conduct monitoring and control activities related to scope, schedule, and budget, and provide monthly status reporting, accounting, and invoicing:

- 2.1.1 Project Setup. Prepare a project management and quality control plan outlining the project scope, team organization, schedule, deliverables, quality control requirements, and communications information; conduct an internal kickoff meeting with the project team.
- 2.1.2 Project Management. Coordinate and manage the day-to-day activities of the project team and monitor the budget and schedule.
- 2.1.3 Monthly Invoices. Prepare and submit monthly invoices including a status report and schedule update.
- 2.1.4 Monthly Progress Calls. Conduct monthly progress calls with BAMA'S staff to discuss key decisions and upcoming tasks.

Task 2.1 Meetings

- Monthly progress calls with BAMA's staff

### Task 2.1 Deliverables

- Monthly invoices with status report and schedule update
- 2.2 KICKOFF & DATA/PROGRAM REVIEW: The purpose of this task is to review existing data and programs (monitoring and industrial pretreatment) and assist OWNER in setting goals and objectives for the project :
- 2.2.1 Project Kickoff Meeting. Conduct a virtual kickoff meeting to discuss the scope of work, set project goals and primary/secondary objectives, and outline next steps for data collection and program reviews.
- 2.2.2 Data Collection and Review. Work with OWNER staff to collect existing data. The data includes, but is not limited to, UCMR5 sampling, other PFAS sampling, monthly operating reports (MORs) for water and wastewater treatment, and industrial pretreatment program (IPP) documentation (in Microsoft Excel format where available). Analyze the data to identify data gaps and inform additional data needs to complete subsequent tasks.
- 2.2.3 Site Visits. Conduct site visits to the Verdigris River Water Treatment Plant (WTP), Lynn Lane Wastewater Treatment Plant (WWTP), and Haikey Creek WWTP. Meet with operations staff to understand facilities, capabilities and challenges.
- 2.2.4 Monitoring Program Review. Meet with laboratory and operations staff to understand and discuss laboratory facilities and capabilities and previous and ongoing PFAS-related testing programs and methodology. Discuss and prepare for additional sampling under Task 2.3.
- 2.2.5 Industrial Pretreatment Program Review. Meet with IPP staff to understand staff capabilities, local industries, program documentation and data, previous industrial user surveys, annual reports, and system mapping with industry locations. Work with staff to prepare for sampling under Task 2.3.
- 2.2.6 Project Objectives and Data/Program Review TM. Summarize the project objectives and analyzed data and programs in a technical memorandum (TM). Conduct a meeting with OWNER staff to discuss comments on the TM.

### Task 2.2 Meetings

- Project kickoff meeting (Teams)
- Site visits to treatment plants (in person)
- Meeting with laboratory staff (Teams)
- Meeting with industrial pretreatment staff (Teams)
- TM review meeting (Teams)

### Task 2.2 Deliverables

- Project Objectives and Data/Program Review TM
- 2.3 PFAS CHARACTERIZATION: The purpose of this task is to conduct sampling to further characterize the presence of PFAS :
- 2.3.1 PFAS Sampling Plan. Based on the data gaps identified in the previous task, prepare a PFAS Sampling Plan that identifies constituents, methodology, sampling locations, number and frequency of samples, and outside laboratory needs. Sampling will involve, at a minimum, raw water

sources (Verdigris and Grand), WTP treated water, WTP residuals, WWTP influent and effluent, WWTP biosolids, and industrial discharges. The plan will identify roles for OWNER and CONSULTANT staff for sample collection and delivery as well as PFAS sampling training that will be conducted by CONSULTANT staff (Teams).

- 2.3.2 Water and Wastewater Sampling. Conduct sampling in conjunction with OWNER staff. It is assumed that one CONSULTANT staff member will work with OWNER staff for three days for sample collection and delivery. The first day will include preparation and training. CONSULTANT will provide training to OWNER staff on PFAS sampling protocols, emphasizing the care that must be taken with sample collection considering potential cross-contamination concerns and potential impact on the analytical results. Sampling will be conducted on the second and third days, including sample collection, chain of custody forms, and packaging and shipping/delivery to laboratories.
- 2.3.3 Sampling Data Analysis. Review and summarize the initial round of sampling data in a Sampling Results TM. Provide observations on the data and implications of the results for OWNER. Conduct a meeting with OWNER staff to discuss comments on the TM.
- 2.3.4 Additional Sampling by OWNER Staff. At intervals approximately 2, 4, and 6 months after the initial round of sampling, OWNER staff will repeat the sampling activities conducted under Task 2.3.2, including the same locations and number of samples. This additional data will provide OWNER and CONSULTANT with some understanding of consistency and seasonal variations. The results will be provided to CONSULTANT, and the data will be included in the final

#### Task 2.3 Meetings

- Sampling plan development discussions (assumes two Teams meetings)
- Sampling activities (three days, in person)
- Plan and TM review meetings (two Teams meetings)

#### Task 2.3 Deliverables

- PFAS Sampling Plan
- Sampling Results TM

- 2.4 ALTERNATIVES EVALUATION: The purpose of this task is to evaluate options for PFAS treatment and required improvements at the treatment facilities to accommodate added technology for future regulatory compliance. Water treatment needs will be evaluated based on compliance with the new drinking water regulations. While there is potential for PFAS regulations in wastewater treatment and biosolids, there are no regulations currently proposed. Thus, wastewater treatment and biosolids will be evaluated at a higher level to understand the potential implications if regulations are set in the future. Jar testing and rapid small-scale column testing (RSSCT) will be conducted to further delineate the potential effectiveness of potential water treatment alternatives:

- 2.4.1 Water Treatment Desktop Evaluation. Conduct an analysis of potential approaches for PFAS removal at the Verdigris River WTP. The level of PFAS present in BAMA's system will be considered in the alternatives as well as approaches if higher levels are found at a later date.

- a. Perform a screening exercise of a menu of potential PFAS contamination treatment processes to identify up to four that appear to be applicable to BAMA's system. The initial assumption is that promising alternatives include one for powdered activated carbon (PAC) addition to the raw water pump station or presedimentation basins and up to three configurations of granular activated carbon (GAC) or ion exchange (IX).
- b. Develop general design criteria, a potential site location, operating and maintenance considerations, and residuals disposal options for each alternative. Also consider impacts to other WTP processes and finished water quality.
- c. Develop estimated capital cost, annual operations and maintenance (O&M) costs, and a 20-year net present value for each alternative. Costs will be Class 5 per AACE International.
- d. Prepare and utilize CONSULTANT's decisionSPACE tool to consider non-economic benefits and costs for each alternative to compare benefits provided by each alternative for dollars spent.
- e. Conduct a Teams meeting with OWNER staff to review the evaluation results and develop decisionSPACE criteria, scoring, and results.

2.4.2 Wastewater Treatment Desktop Evaluation. Conduct an analysis of potential wastewater treatment approaches for PFAS removal from wastewater influent and approaches for biosolids handling and/or treatment at the Lynn Lane and Haikey Creek WWTPs. The level of PFAS present in BAMA's system will be considered in the alternatives as well as approaches if higher levels are found at a later date.

- a. Perform a screening exercise of a menu of potential PFAS contamination treatment approaches to identify those that appear to be applicable to BAMA's system.
- b. Develop high level schematics of each WWTP to show locations in the process where the PFAS treatment approaches could be implemented.
- c. Develop a tabular comparison of the relative capital and O&M cost (\$, \$\$, \$\$\$) as well as non-economic advantages and disadvantages for each alternative. Summarize the results by identifying which approaches appear to be the most promising for future consideration.
- d. Conduct a Teams meeting with OWNER staff to review the evaluation results.

2.4.3 Jar Testing of PAC. Conduct jar testing to determine potential effectiveness of PAC addition for low-level PFAS removal at the Verdigris River WTP.

- a. Prepare a PAC Jar Testing Plan. Hold a Teams meeting to discuss the plan and prepare for testing. The testing will be conducted at the Verdigris River WTP laboratory.
- b. Work with OWNER staff to collect raw water samples in the Verdigris River and the Grand River. Testing will be conducted on each water and two different blend ratios of the waters.
- c. Using two types of PAC, conduct three different PAC doses for each water source or blend for a total of 24 scenarios. Testing will include evaluating the reduction in organics and PFAS. Analyses will include

PFAS, total organic carbon/dissolved organic carbon (TOC/DOC), UV254, turbidity, alkalinity, pH, and apparent color.

- d. Summarize the results of the testing and present to OWNER in a Teams meeting.

2.4.4 Rapid Small-scale Column Testing (RSSCT). Conduct RSSCT to evaluate the efficacy of different media (GAC or IX) for removal of PFAS that are currently present in BAMA's source waters. The results from the RSSCT will inform the treatment recommendations and development of a future pilot-scale study, if needed.

- a. Prepare an RSSCT testing plan. Hold a Teams meeting to discuss the plan and prepare for testing. The testing will be conducted at CONSULTANT's testing facility. OWNER staff will collect and ship the necessary water samples to CONSULTANT's laboratory facility.
- b. Conduct RSSCT evaluations to examine the relative efficiencies of various GAC and IX media for PFAS removal.
  - Depending on the results of the desktop treatment evaluation, it is initially assumed two GAC and two IX media will be examined (four columns).
  - PFAS spiking at higher concentrations than current ambient levels will be considered (to provide more detailed information on PFAS breakthrough and the relative performance of the various media).
  - Run time for each column will be targeted for 60,000 bed volumes for GAC and 150,000 bed volumes for IX.
- c. Summarize the results of the testing and present to OWNER in a Teams meeting, including identification of recommended media for future pilot-scale testing (if needed).

2.4.5 Treatment Evaluation TM. Summarize the findings of the treatment evaluations and testing in a Treatment Evaluation TM. The detailed testing results will be included as appendices. Conduct a meeting with OWNER staff to discuss comments on the TM.

#### Task 2.4 Meetings

- Water treatment desktop evaluation results meeting (Teams)
- Wastewater treatment desktop evaluation results meeting (Teams)
- PAC jar testing plan review meeting (Teams)
- PAC jar testing results review meeting (Teams)
- RSSCT plan review meeting (Teams)
- RSSCT results review meeting (Teams)
- Treatment Evaluation review meeting (Teams)

#### Task 2.4 Deliverables

- PAC Jar Testing Plan
- RSSCT Testing Plan
- Treatment Evaluation TM

2.5 **PLAN DEVELOPMENT:** The purpose of this task is to compile the work completed in previous tasks and develop a roadmap to PFAS compliance for BAMA. The roadmap will be presented in a final report that includes estimated costs for

improvements, pretreatment program initiatives, funding opportunities, and a compliance timeline with triggers:

- 2.5.1 Improvements and Pilot Testing Identification. Based on previous evaluations, determine recommended WTP improvements with cost estimates (Class 5 per AACE International) and timing. Also recommend near-term pilot-scale needs to determine design criteria for the improvements, which will allow costs to be further refined. Also recommend longer-term WWTP improvements that may be needed for compliance with future regulations.
- 2.5.2 Monitoring Plan. Provide a recommended long-term monitoring plan for BAMA to continue periodic PFAS sampling to comply with regulatory requirements and determine trends over time.
- 2.5.3 Industrial Pretreatment Program Initiatives. Working with OWNER staff, develop a list of initiatives for the IPP to further identify PFAS sources and require industries to reduce the discharges of PFAS to BAMA's wastewater collection system. Recommended IPP modifications to better position the program to implement source control. Meet with IPP staff to discuss recommendations.
- 2.5.4 Funding Opportunities. Identify funding opportunities that may be available to assist OWNER in implementing PFAS-related improvements. Attend a meeting with OWNER staff and Oklahoma Department of Environmental Quality (ODEQ) to discuss availability of emerging contaminants funding from the Drinking Water and Clean Water State Revolving Fund (DWSRF and CWSRF) programs and other potential sources.
- 2.5.5 Strategic Communications Support. Assist OWNER with PFAS-related communications.
  - a. Prepare a PFAS Roadmap graphic that outlines OWNER's activities to understand challenges to meet the new and future PFAS regulations and show BAMA's stepwise approach to compliance. The graphic will be used to communicate the plan to OWNER leadership and other key stakeholders.
  - b. Assist OWNER with initial graphics for public education about "What is PFAS" that may be used by OWNER staff on mailings, websites, or in social media.
- 2.5.6 PFAS Compliance Study Report. Prepare and submit a draft report to include the results of the previous steps as well as a final section that includes the PFAS Roadmap showing initiatives and projects and their timing. The anticipated contents of the report include:
  - Chapter 1 – Background and Project Objectives
  - Chapter 2 – Facility, Program, and Data Review
  - Chapter 3 – PFAS Sampling Results
  - Chapter 4 – Desktop Treatment Evaluation and Testing
  - Chapter 5 – PFAS Recommendations and Roadmap

Meet with OWNER staff to discuss comments on the draft report. Address comments and submit the final report.

2.5.7 BAMA Presentation. Assist OWNER staff in preparing a presentation of the study findings for a BAMA meeting. Prepare presentation slides and submit to OWNER staff for review and comment. It is assumed that CONSULTANT will not attend the meeting and will not be involved in delivery of the presentation.

Task 2.5 Meetings

- Pretreatment recommendations meeting (Teams)
- ODEQ funding opportunities meeting (Teams)
- Draft report review meeting (Teams)

Task 2.5 Deliverables

- Initial PFAS graphics
- PFAS Compliance Study Report
- BAMA presentation slides

**ATTACHMENT B  
TO  
AGREEMENT FOR PROFESSIONAL CONSULTING SERVICES  
BETWEEN  
BROKEN ARROW MUNICIPAL AUTHORITY (OWNER)  
AND  
HDR ENGINEERING, INC. (CONSULTANT)  
FOR  
WATER AND WASTEWATER SYSTEM PFAS COMPLIANCE STUDY  
PROJECT NO. 2554730**

**ORGANIZATION OF SUBMITTAL DOCUMENTS**

The CONSULTANT shall prepare the following documents as described as a part of the AGREEMENT dated the \_\_\_\_\_ day of \_\_\_\_\_, 202\_\_.

- Task 2.2
  - Project Objectives and Data/Program Review TM
- Task 2.3
  - PFAS Sampling Plan
  - Sampling Results TM
- Task 2.4
  - PAC Jar Testing Plan
  - RSSCT Testing Plan
  - Treatment Evaluation TM
- Task 2.5
  - PFAS Compliance Study Report
  - BAMA Presentation Slides

**ATTACHMENT C  
TO  
AGREEMENT FOR PROFESSIONAL CONSULTING SERVICES  
BETWEEN  
BROKEN ARROW MUNICIPAL AUTHORITY (OWNER)  
AND  
HDR ENGINEERING, INC. (CONSULTANT)  
FOR  
WATER AND WASTEWATER SYSTEM PFAS COMPLIANCE STUDY  
PROJECT NO. 2554730**

**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 Project Administration: The OWNER shall pay the CONSULTANT a lump sum amount of \$25,373 for the completion of the Project Administration tasks. This amount includes all labor, material, overhead and profit associated with the Scope of Services.
- 1.2 Kickoff & Data/Program Review: The OWNER shall pay the CONSULTANT a lump sum amount of \$41,552 for the completion of the Kickoff & Data/Program Review. This amount includes all labor, material, overhead and profit associated with the Scope of Services.
- 1.3 PFAS Characterization: The OWNER shall pay the CONSULTANT a lump sum amount of \$34,510 for the completion of the PFAS Characterization. This amount includes all labor, material, overhead and profit associated with the Scope of Services.
- 1.4 Alternative Evaluation: The OWNER shall pay the CONSULTANT a lump sum amount of \$123,519 for the completion of the Alternative Evaluation. This amount includes all labor, material, overhead and profit associated with the Scope of Services.
- 1.5 Plan Development: The OWNER shall pay the CONSULTANT a lump sum amount of \$91,818 for the completion of the Plan Development. This amount includes all labor, material, overhead and profit associated with the Scope of Services.
- 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  
WATER AND WASTEWATER SYSTEM PFAS COMPLIANCE STUDY  
PROJECT NO. 2554730**

**OWNER'S RESPONSIBILITIES AND SPECIAL CONDITIONS**

The following list of special OWNER's responsibilities and 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  
WATER AND WASTEWATER SYSTEM PFAS COMPLIANCE STUDY  
PROJECT NO. 2554730**

**PROJECT SCHEDULE**

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

Submit the final PFAS Compliance Study Report within 312 Calendar Days after Notice to Proceed.

**AGREEMENT SUMMARY  
BROKEN ARROW MUNICIPAL AUTHORITY**

**WATER AND WASTEWATER SYSTEM PFAS COMPLIANCE STUDY  
PROFESSIONAL CONSULTANT AGREEMENT  
PROJECT NO. 2554730**

**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:** Water and Wastewater System PFAS Compliance Study, Broken Arrow, OK

**3.0 Statement of Purpose:** CONSULTANT understands that the OWNER has retained their professional services to conduct a study to address impacts of current and upcoming regulations regarding PFAS compliance for its water and wastewater systems. The project includes information gathering, sample collection and analysis, assessment of current operations programs (laboratory and industrial pretreatment), and establishing a PFAS compliance plan that identifies potential treatment solutions and program initiatives.

**4.0 Agreement Summary:**

4.1 Agreement Amount:	
a. Project Administration	\$ 25,373
b. Kickoff & Data/Program Review	\$ 41,552
c. PFAS Characterization	\$ 34,510
d. Alternative Evaluation	\$ 123,519
e. Plan Development	\$ 91,818
<b>TOTAL AGREEMENT AMOUNT</b>	<b>\$ 316,772</b>

4.2 Agreement Time: 312 calendar days (NTP to Final Report)

4.3 Estimated Construction Cost: N/A

**5.0 Agreement Approved by the OWNER on:** \_\_\_\_\_

**AGREEMENT  
FOR  
PROFESSIONAL CONSULTANT SERVICES  
BETWEEN  
BROKEN ARROW MUNICIPAL AUTHORITY  
AND  
HDR ENGINEERING, INC.  
FOR  
WATER AND WASTEWATER SYSTEM PFAS COMPLIANCE STUDY  
PROJECT NO. 2554730**

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 conduct a PFAS compliance study of its water and wastewater systems (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: Jordan Grace, P.E.  
Environmental Project 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: \_\_\_\_\_  
Karan Khosla  
Vice President

Date: March 25, 2025

(CORPORATE SEAL, IF APPLICABLE)

Attest: \_\_\_\_\_  
Secretary [Seal]

Date: \_\_\_\_\_

Attest: \_\_\_\_\_  
Jenifer Rayshell, Admin. Assistant

Date: March 25, 2025

Approved as to form:

D. Graham Parker  
Assistant City Attorney

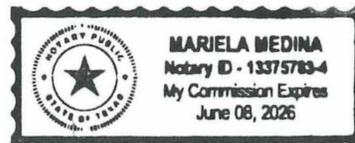
**VERIFICATION**

State of Texas)  
§  
County of Dallas)

Before me, a Notary Public, on this 25th day of March, 2025, personally appeared Karan Khosla, 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  
WATER AND WASTEWATER SYSTEM PFAS COMPLIANCE STUDY  
PROJECT NO. 2554730**

**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**

The Broken Arrow Municipal Authority (BAMA) provides reliable drinking water and wastewater services for approximately 120,000 residents. In April 2024, the Environmental Protection Agency (EPA) published its first drinking water Maximum Contaminant Limits (MCLs) for PFAS (per- and polyfluoroalkyl substances) of 4.0 ng/L for two PFAS compounds (PFOS and PFOA) and a combined Hazard Index (HI) limit for four other PFAS compounds (and individual MCLs of 10 ng/L for three of these compounds – PFHxS, Gen-X, and PFNA). All water utilities are required to begin compliance monitoring by April 2027 with MCL compliance by April 2029. Additionally, enforceable PFAS limits in wastewater effluent and biosolids will likely be established in the near future. Significant capital and operational expenditures may be necessary for utilities with PFAS concentrations requiring treatment enhancements to meet these limits.

BAMA treats water from the Verdigris River and is considering reconnecting the Grand River as an additional source. BAMA previously conducted limited PFAS sampling and analysis from these sources as well as treated drinking water from its water treatment plant. Low concentrations of PFAS compounds have been detected, but additional characterization is needed to determine impact on BAMA's ability to comply with the new regulations. BAMA has not yet conducted sampling for wastewater influent, effluent, and biosolids.

The purpose of this project is for HDR Engineering, Inc. (HDR) to assist BAMA in evaluating BAMA's water and wastewater systems with respect to the new PFAS drinking water regulations and potential wastewater implications. HDR will develop a "roadmap" for future compliance. The study will include additional sampling, evaluation of laboratory practices and operational procedures related to PFAS compliance, identification and evaluation of treatment strategies, evaluation of industrial pretreatment program impacts, and identification of funding.

**2.0 SCOPE OF SERVICES**

The work performed for this PROJECT will be completed in two phases. The first phase (Tasks 2 and 3) focuses on information gathering, sample collection, analysis of historical and additional sampling data, and assessment of current operations programs (laboratory and industrial pretreatment). The second phase (Tasks 4 and 5) focuses on establishing a PFAS compliance plan and includes treatment process/technology evaluation, developing potential treatment solutions and program initiatives, and identifying funding opportunities and follow-on studies (if needed).

Unless noted otherwise, the following assumptions are used for all tasks:

- Meetings will be conducted on Microsoft Teams (Teams) unless specifically noted as an in-person meeting.
- CONSULTANT will prepare an agenda, presentation materials, and a written summary for each meeting.
- A series of draft technical memoranda (TMs) will be submitted as the project progresses. The purpose of the draft TMs is to present project findings and solicit feedback from OWNER. OWNER comments will be addressed in each TM, and the revised content will be incorporated into the final overall report. Final TMs will not be submitted.
- Deliverables will be submitted as PDF files via email. Ten (10) hard copies of the final report will also be provided.
- OWNER will provide review comments on draft deliverables within two weeks of submittal.
- CONSULTANT and OWNER staff will work together to collect samples associated with the project and to coordinate analysis with an external laboratory.
- For water, PFAS sampling and analysis will be conducted using the EPA Method 533 and a modified EPA Method 537.
- For wastewater, PFAS sampling and analysis will be conducted using EPA Method 1633 (PFAS) and EPA Method 1621 (adsorbable organic fluorine [AOF]).
- For wastewater biosolids, sampling and analysis will be conducted using EPA Method 1633 (PFAS).
- OWNER will handle the needed laboratory services through its existing laboratory contract(s).
- It is assumed that the turnaround time for laboratory samples will be three weeks. Longer times may result in an extended schedule.

2.1 ADMINISTRATIVE/MANAGERIAL DUTIES: CONSULTANT will be responsible to perform the following tasks throughout the course of the PROJECT. Complete project set-up activities, establish project management and quality control plans, conduct monitoring and control activities related to scope, schedule, and budget, and provide monthly status reporting, accounting, and invoicing:

- 2.1.1 Project Setup. Prepare a project management and quality control plan outlining the project scope, team organization, schedule, deliverables, quality control requirements, and communications information; conduct an internal kickoff meeting with the project team.
- 2.1.2 Project Management. Coordinate and manage the day-to-day activities of the project team and monitor the budget and schedule.
- 2.1.3 Monthly Invoices. Prepare and submit monthly invoices including a status report and schedule update.
- 2.1.4 Monthly Progress Calls. Conduct monthly progress calls with BAMA'S staff to discuss key decisions and upcoming tasks.

Task 2.1 Meetings

- Monthly progress calls with BAMA's staff

### Task 2.1 Deliverables

- Monthly invoices with status report and schedule update
- 2.2 KICKOFF & DATA/PROGRAM REVIEW: The purpose of this task is to review existing data and programs (monitoring and industrial pretreatment) and assist OWNER in setting goals and objectives for the project :
- 2.2.1 Project Kickoff Meeting. Conduct a virtual kickoff meeting to discuss the scope of work, set project goals and primary/secondary objectives, and outline next steps for data collection and program reviews.
- 2.2.2 Data Collection and Review. Work with OWNER staff to collect existing data. The data includes, but is not limited to, UCMR5 sampling, other PFAS sampling, monthly operating reports (MORs) for water and wastewater treatment, and industrial pretreatment program (IPP) documentation (in Microsoft Excel format where available). Analyze the data to identify data gaps and inform additional data needs to complete subsequent tasks.
- 2.2.3 Site Visits. Conduct site visits to the Verdigris River Water Treatment Plant (WTP), Lynn Lane Wastewater Treatment Plant (WWTP), and Haikey Creek WWTP. Meet with operations staff to understand facilities, capabilities and challenges.
- 2.2.4 Monitoring Program Review. Meet with laboratory and operations staff to understand and discuss laboratory facilities and capabilities and previous and ongoing PFAS-related testing programs and methodology. Discuss and prepare for additional sampling under Task 2.3.
- 2.2.5 Industrial Pretreatment Program Review. Meet with IPP staff to understand staff capabilities, local industries, program documentation and data, previous industrial user surveys, annual reports, and system mapping with industry locations. Work with staff to prepare for sampling under Task 2.3.
- 2.2.6 Project Objectives and Data/Program Review TM. Summarize the project objectives and analyzed data and programs in a technical memorandum (TM). Conduct a meeting with OWNER staff to discuss comments on the TM.

### Task 2.2 Meetings

- Project kickoff meeting (Teams)
- Site visits to treatment plants (in person)
- Meeting with laboratory staff (Teams)
- Meeting with industrial pretreatment staff (Teams)
- TM review meeting (Teams)

### Task 2.2 Deliverables

- Project Objectives and Data/Program Review TM
- 2.3 PFAS CHARACTERIZATION: The purpose of this task is to conduct sampling to further characterize the presence of PFAS :
- 2.3.1 PFAS Sampling Plan. Based on the data gaps identified in the previous task, prepare a PFAS Sampling Plan that identifies constituents, methodology, sampling locations, number and frequency of samples, and outside laboratory needs. Sampling will involve, at a minimum, raw water

sources (Verdigris and Grand), WTP treated water, WTP residuals, WWTP influent and effluent, WWTP biosolids, and industrial discharges. The plan will identify roles for OWNER and CONSULTANT staff for sample collection and delivery as well as PFAS sampling training that will be conducted by CONSULTANT staff (Teams).

- 2.3.2 Water and Wastewater Sampling. Conduct sampling in conjunction with OWNER staff. It is assumed that one CONSULTANT staff member will work with OWNER staff for three days for sample collection and delivery. The first day will include preparation and training. CONSULTANT will provide training to OWNER staff on PFAS sampling protocols, emphasizing the care that must be taken with sample collection considering potential cross-contamination concerns and potential impact on the analytical results. Sampling will be conducted on the second and third days, including sample collection, chain of custody forms, and packaging and shipping/delivery to laboratories.
- 2.3.3 Sampling Data Analysis. Review and summarize the initial round of sampling data in a Sampling Results TM. Provide observations on the data and implications of the results for OWNER. Conduct a meeting with OWNER staff to discuss comments on the TM.
- 2.3.4 Additional Sampling by OWNER Staff. At intervals approximately 2, 4, and 6 months after the initial round of sampling, OWNER staff will repeat the sampling activities conducted under Task 2.3.2, including the same locations and number of samples. This additional data will provide OWNER and CONSULTANT with some understanding of consistency and seasonal variations. The results will be provided to CONSULTANT, and the data will be included in the final

#### Task 2.3 Meetings

- Sampling plan development discussions (assumes two Teams meetings)
- Sampling activities (three days, in person)
- Plan and TM review meetings (two Teams meetings)

#### Task 2.3 Deliverables

- PFAS Sampling Plan
- Sampling Results TM

- 2.4 ALTERNATIVES EVALUATION: The purpose of this task is to evaluate options for PFAS treatment and required improvements at the treatment facilities to accommodate added technology for future regulatory compliance. Water treatment needs will be evaluated based on compliance with the new drinking water regulations. While there is potential for PFAS regulations in wastewater treatment and biosolids, there are no regulations currently proposed. Thus, wastewater treatment and biosolids will be evaluated at a higher level to understand the potential implications if regulations are set in the future. Jar testing and rapid small-scale column testing (RSSCT) will be conducted to further delineate the potential effectiveness of potential water treatment alternatives:

- 2.4.1 Water Treatment Desktop Evaluation. Conduct an analysis of potential approaches for PFAS removal at the Verdigris River WTP. The level of PFAS present in BAMA's system will be considered in the alternatives as well as approaches if higher levels are found at a later date.

- a. Perform a screening exercise of a menu of potential PFAS contamination treatment processes to identify up to four that appear to be applicable to BAMA's system. The initial assumption is that promising alternatives include one for powdered activated carbon (PAC) addition to the raw water pump station or presedimentation basins and up to three configurations of granular activated carbon (GAC) or ion exchange (IX).
- b. Develop general design criteria, a potential site location, operating and maintenance considerations, and residuals disposal options for each alternative. Also consider impacts to other WTP processes and finished water quality.
- c. Develop estimated capital cost, annual operations and maintenance (O&M) costs, and a 20-year net present value for each alternative. Costs will be Class 5 per AACE International.
- d. Prepare and utilize CONSULTANT's decisionSPACE tool to consider non-economic benefits and costs for each alternative to compare benefits provided by each alternative for dollars spent.
- e. Conduct a Teams meeting with OWNER staff to review the evaluation results and develop decisionSPACE criteria, scoring, and results.

2.4.2 Wastewater Treatment Desktop Evaluation. Conduct an analysis of potential wastewater treatment approaches for PFAS removal from wastewater influent and approaches for biosolids handling and/or treatment at the Lynn Lane and Haikey Creek WWTPs. The level of PFAS present in BAMA's system will be considered in the alternatives as well as approaches if higher levels are found at a later date.

- a. Perform a screening exercise of a menu of potential PFAS contamination treatment approaches to identify those that appear to be applicable to BAMA's system.
- b. Develop high level schematics of each WWTP to show locations in the process where the PFAS treatment approaches could be implemented.
- c. Develop a tabular comparison of the relative capital and O&M cost (\$, \$\$, \$\$\$) as well as non-economic advantages and disadvantages for each alternative. Summarize the results by identifying which approaches appear to be the most promising for future consideration.
- d. Conduct a Teams meeting with OWNER staff to review the evaluation results.

2.4.3 Jar Testing of PAC. Conduct jar testing to determine potential effectiveness of PAC addition for low-level PFAS removal at the Verdigris River WTP.

- a. Prepare a PAC Jar Testing Plan. Hold a Teams meeting to discuss the plan and prepare for testing. The testing will be conducted at the Verdigris River WTP laboratory.
- b. Work with OWNER staff to collect raw water samples in the Verdigris River and the Grand River. Testing will be conducted on each water and two different blend ratios of the waters.
- c. Using two types of PAC, conduct three different PAC doses for each water source or blend for a total of 24 scenarios. Testing will include evaluating the reduction in organics and PFAS. Analyses will include

PFAS, total organic carbon/dissolved organic carbon (TOC/DOC), UV254, turbidity, alkalinity, pH, and apparent color.

- d. Summarize the results of the testing and present to OWNER in a Teams meeting.

2.4.4 Rapid Small-scale Column Testing (RSSCT). Conduct RSSCT to evaluate the efficacy of different media (GAC or IX) for removal of PFAS that are currently present in BAMA's source waters. The results from the RSSCT will inform the treatment recommendations and development of a future pilot-scale study, if needed.

- a. Prepare an RSSCT testing plan. Hold a Teams meeting to discuss the plan and prepare for testing. The testing will be conducted at CONSULTANT's testing facility. OWNER staff will collect and ship the necessary water samples to CONSULTANT's laboratory facility.
- b. Conduct RSSCT evaluations to examine the relative efficiencies of various GAC and IX media for PFAS removal.
  - Depending on the results of the desktop treatment evaluation, it is initially assumed two GAC and two IX media will be examined (four columns).
  - PFAS spiking at higher concentrations than current ambient levels will be considered (to provide more detailed information on PFAS breakthrough and the relative performance of the various media).
  - Run time for each column will be targeted for 60,000 bed volumes for GAC and 150,000 bed volumes for IX.
- c. Summarize the results of the testing and present to OWNER in a Teams meeting, including identification of recommended media for future pilot-scale testing (if needed).

2.4.5 Treatment Evaluation TM. Summarize the findings of the treatment evaluations and testing in a Treatment Evaluation TM. The detailed testing results will be included as appendices. Conduct a meeting with OWNER staff to discuss comments on the TM.

#### Task 2.4 Meetings

- Water treatment desktop evaluation results meeting (Teams)
- Wastewater treatment desktop evaluation results meeting (Teams)
- PAC jar testing plan review meeting (Teams)
- PAC jar testing results review meeting (Teams)
- RSSCT plan review meeting (Teams)
- RSSCT results review meeting (Teams)
- Treatment Evaluation review meeting (Teams)

#### Task 2.4 Deliverables

- PAC Jar Testing Plan
- RSSCT Testing Plan
- Treatment Evaluation TM

2.5 **PLAN DEVELOPMENT:** The purpose of this task is to compile the work completed in previous tasks and develop a roadmap to PFAS compliance for BAMA. The roadmap will be presented in a final report that includes estimated costs for

improvements, pretreatment program initiatives, funding opportunities, and a compliance timeline with triggers:

- 2.5.1 Improvements and Pilot Testing Identification. Based on previous evaluations, determine recommended WTP improvements with cost estimates (Class 5 per AACE International) and timing. Also recommend near-term pilot-scale needs to determine design criteria for the improvements, which will allow costs to be further refined. Also recommend longer-term WWTP improvements that may be needed for compliance with future regulations.
- 2.5.2 Monitoring Plan. Provide a recommended long-term monitoring plan for BAMA to continue periodic PFAS sampling to comply with regulatory requirements and determine trends over time.
- 2.5.3 Industrial Pretreatment Program Initiatives. Working with OWNER staff, develop a list of initiatives for the IPP to further identify PFAS sources and require industries to reduce the discharges of PFAS to BAMA's wastewater collection system. Recommended IPP modifications to better position the program to implement source control. Meet with IPP staff to discuss recommendations.
- 2.5.4 Funding Opportunities. Identify funding opportunities that may be available to assist OWNER in implementing PFAS-related improvements. Attend a meeting with OWNER staff and Oklahoma Department of Environmental Quality (ODEQ) to discuss availability of emerging contaminants funding from the Drinking Water and Clean Water State Revolving Fund (DWSRF and CWSRF) programs and other potential sources.
- 2.5.5 Strategic Communications Support. Assist OWNER with PFAS-related communications.
  - a. Prepare a PFAS Roadmap graphic that outlines OWNER's activities to understand challenges to meet the new and future PFAS regulations and show BAMA's stepwise approach to compliance. The graphic will be used to communicate the plan to OWNER leadership and other key stakeholders.
  - b. Assist OWNER with initial graphics for public education about "What is PFAS" that may be used by OWNER staff on mailings, websites, or in social media.
- 2.5.6 PFAS Compliance Study Report. Prepare and submit a draft report to include the results of the previous steps as well as a final section that includes the PFAS Roadmap showing initiatives and projects and their timing. The anticipated contents of the report include:
  - Chapter 1 – Background and Project Objectives
  - Chapter 2 – Facility, Program, and Data Review
  - Chapter 3 – PFAS Sampling Results
  - Chapter 4 – Desktop Treatment Evaluation and Testing
  - Chapter 5 – PFAS Recommendations and Roadmap

Meet with OWNER staff to discuss comments on the draft report. Address comments and submit the final report.

2.5.7 BAMA Presentation. Assist OWNER staff in preparing a presentation of the study findings for a BAMA meeting. Prepare presentation slides and submit to OWNER staff for review and comment. It is assumed that CONSULTANT will not attend the meeting and will not be involved in delivery of the presentation.

Task 2.5 Meetings

- Pretreatment recommendations meeting (Teams)
- ODEQ funding opportunities meeting (Teams)
- Draft report review meeting (Teams)

Task 2.5 Deliverables

- Initial PFAS graphics
- PFAS Compliance Study Report
- BAMA presentation slides

**ATTACHMENT B  
TO  
AGREEMENT FOR PROFESSIONAL CONSULTING SERVICES  
BETWEEN  
BROKEN ARROW MUNICIPAL AUTHORITY (OWNER)  
AND  
HDR ENGINEERING, INC. (CONSULTANT)  
FOR  
WATER AND WASTEWATER SYSTEM PFAS COMPLIANCE STUDY  
PROJECT NO. 2554730**

**ORGANIZATION OF SUBMITTAL DOCUMENTS**

The CONSULTANT shall prepare the following documents as described as a part of the AGREEMENT dated the \_\_\_\_\_ day of \_\_\_\_\_, 202\_\_.

- Task 2.2
  - Project Objectives and Data/Program Review TM
- Task 2.3
  - PFAS Sampling Plan
  - Sampling Results TM
- Task 2.4
  - PAC Jar Testing Plan
  - RSSCT Testing Plan
  - Treatment Evaluation TM
- Task 2.5
  - PFAS Compliance Study Report
  - BAMA Presentation Slides

**ATTACHMENT C  
TO  
AGREEMENT FOR PROFESSIONAL CONSULTING SERVICES  
BETWEEN  
BROKEN ARROW MUNICIPAL AUTHORITY (OWNER)  
AND  
HDR ENGINEERING, INC. (CONSULTANT)  
FOR  
WATER AND WASTEWATER SYSTEM PFAS COMPLIANCE STUDY  
PROJECT NO. 2554730**

**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 Project Administration: The OWNER shall pay the CONSULTANT a lump sum amount of \$25,373 for the completion of the Project Administration tasks. This amount includes all labor, material, overhead and profit associated with the Scope of Services.
- 1.2 Kickoff & Data/Program Review: The OWNER shall pay the CONSULTANT a lump sum amount of \$41,552 for the completion of the Kickoff & Data/Program Review. This amount includes all labor, material, overhead and profit associated with the Scope of Services.
- 1.3 PFAS Characterization: The OWNER shall pay the CONSULTANT a lump sum amount of \$34,510 for the completion of the PFAS Characterization. This amount includes all labor, material, overhead and profit associated with the Scope of Services.
- 1.4 Alternative Evaluation: The OWNER shall pay the CONSULTANT a lump sum amount of \$123,519 for the completion of the Alternative Evaluation. This amount includes all labor, material, overhead and profit associated with the Scope of Services.
- 1.5 Plan Development: The OWNER shall pay the CONSULTANT a lump sum amount of \$91,818 for the completion of the Plan Development. This amount includes all labor, material, overhead and profit associated with the Scope of Services.
- 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  
WATER AND WASTEWATER SYSTEM PFAS COMPLIANCE STUDY  
PROJECT NO. 2554730**

**OWNER'S RESPONSIBILITIES AND SPECIAL CONDITIONS**

The following list of special OWNER's responsibilities and 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  
WATER AND WASTEWATER SYSTEM PFAS COMPLIANCE STUDY  
PROJECT NO. 2554730**

**PROJECT SCHEDULE**

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

Submit the final PFAS Compliance Study Report within 312 Calendar Days after Notice to Proceed.

County Line Trunk Sewer Phase IIA - Sanitary Sewer Improvements (#9480312)

Owner: Broken Arrow, City of

Solicitor: Broken Arrow, City of

03/20/2025 01:45 PM CDT

Section Title	Line Item	Item Code	Item Description	UoM	Quantity	Engineer Estimate		Belt construction, Inc		TimberWolf Excavating LLC		Spless Construction Co., Inc.		Timco		McGuire Brothers		
						Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	
	1	NA	MOBILIZATION/DEMOLITION	LS	1	\$308,000.00	\$308,000.00	\$200,000.00	\$200,000.00	\$205,400.00	\$205,400.00	\$350,000.00	\$350,000.00	\$500,000.00	\$500,000.00	\$658,362.00	\$658,362.00	
	2	NA	AS-BUILT DRAWINGS	LS	1	\$5,500.00	\$5,500.00	\$4,500.00	\$4,500.00	\$25,000.00	\$25,000.00	\$5,000.00	\$5,000.00	\$25,000.00	\$25,000.00	\$15,000.00	\$15,000.00	
	3	NA	SITE CLEARING AND RESTORATION OF EASEMENT & RIGHTS OF WAY	LS	1	\$27,720.00	\$27,720.00	\$150,000.00	\$150,000.00	\$20,000.00	\$20,000.00	\$10,000.00	\$10,000.00	\$50,000.00	\$50,000.00	\$8,000.00	\$8,000.00	
	4	NA	CONTRACTOR CONSTRUCTION STAKING, LEVEL II	LS	1	\$18,150.00	\$18,150.00	\$14,000.00	\$14,000.00	\$15,000.00	\$15,000.00	\$25,000.00	\$25,000.00	\$35,000.00	\$35,000.00	\$12,000.00	\$12,000.00	
	5	NA	CONSTRUCTION TRAFFIC CONTROL	LS	1	\$16,500.00	\$16,500.00	\$10,000.00	\$10,000.00	\$45,000.00	\$45,000.00	\$20,000.00	\$20,000.00	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00	
	6	NA	TEMPORARY SEDIMENT CONTROL	LS	1	\$16,500.00	\$16,500.00	\$15,000.00	\$15,000.00	\$50,000.00	\$50,000.00	\$35,000.00	\$35,000.00	\$21,000.00	\$21,000.00	\$30,000.00	\$30,000.00	
	7	NA	STORMWATER POLLUTION PREVENTION PLAN MANAGEMENT	LS	1	\$11,000.00	\$11,000.00	\$1,200.00	\$1,200.00	\$20,000.00	\$20,000.00	\$5,000.00	\$5,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	
	8	NA	BYPASS PUMPING	LS	1	\$23,100.00	\$23,100.00	\$50,000.00	\$50,000.00	\$150,000.00	\$150,000.00	\$200,000.00	\$200,000.00	\$120,000.00	\$120,000.00	\$25,000.00	\$25,000.00	
	9	NA	FORESTRY & TREE CLEARING	LS	1	\$5,500.00	\$5,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$6,000.00	\$6,000.00	\$6,000.00	\$6,000.00
	10	NA	PROJECT SIGN	EA	2	\$1,650.00	\$3,300.00	\$1,100.00	\$2,200.00	\$2,500.00	\$5,000.00	\$2,000.00	\$4,000.00	\$1,500.00	\$3,000.00	\$1,000.00	\$2,000.00	
	11	NA	8" SANITARY SEWER PIPE	LF	20	\$165.00	\$3,300.00	\$185.00	\$3,700.00	\$3,500.00	\$7,000.00	\$700.00	\$14,000.00	\$165.75	\$3,315.00	\$680.00	\$13,600.00	
	12	NA	12" SANITARY SEWER PIPE	LF	37	\$200.00	\$7,330.00	\$200.00	\$7,400.00	\$500.00	\$18,500.00	\$1,000.00	\$37,000.00	\$191.50	\$7,085.50	\$710.00	\$26,270.00	
	13	NA	36" SANITARY SEWER PIPE	LF	133	\$352.00	\$46,816.00	\$435.00	\$57,855.00	\$510.00	\$67,830.00	\$610.00	\$81,130.00	\$496.00	\$65,968.00	\$1,120.00	\$148,960.00	
	14	NA	48" SANITARY SEWER PIPE	LF	4280	\$561.00	\$2,401,080.00	\$650.00	\$2,782,000.00	\$750.00	\$3,210,000.00	\$852.00	\$3,646,560.00	\$995.00	\$4,258,600.00	\$1,190.00	\$5,093,200.00	
	15	NA	48" SANITARY SEWER PIPE, RESTRAINED JOINT	LF	353	\$584.00	\$209,882.00	\$800.00	\$282,400.00	\$750.00	\$264,750.00	\$852.00	\$300,756.00	\$668.00	\$235,804.00	\$1,240.00	\$437,720.00	
	16	NA	CONCRETE ENCASMENT WITH CUTOFF WALL FOR 48" SS PIPE	LF	53	\$770.00	\$40,810.00	\$1,500.00	\$79,500.00	\$1,500.00	\$79,500.00	\$380.00	\$20,140.00	\$384.00	\$20,352.00	\$1,000.00	\$53,000.00	
	17	NA	66" STEEL ENCASMENT BY TRENCHLESS METHODS	LF	230	\$2,860.00	\$657,800.00	\$4,000.00	\$920,000.00	\$4,800.00	\$1,104,000.00	\$4,035.00	\$928,050.00	\$9,372.00	\$2,155,560.00	\$12,000.00	\$2,760,000.00	
	18	NA	8" DIA. FRP SS MANHOLE (6' DEPTH)	EA	11	\$61,600.00	\$677,600.00	\$21,000.00	\$231,000.00	\$45,980.00	\$505,780.00	\$75,000.00	\$825,000.00	\$69,000.00	\$759,000.00	\$63,000.00	\$693,000.00	
	19	NA	8" DIA. FRP SS MANHOLE (VF/MH OVER 6' DEPTH)	VF	167	\$2,035.00	\$339,845.00	\$1,400.00	\$233,800.00	\$1,200.00	\$200,400.00	\$200.00	\$33,400.00	\$3,515.00	\$587,005.00	\$300.00	\$50,100.00	
	20	NA	8" DIA. FRP SS MANHOLE (6' DEPTH) WITH OUTSIDE DROP	EA	4	\$83,600.00	\$334,400.00	\$24,000.00	\$96,000.00	\$52,400.00	\$209,600.00	\$80,000.00	\$320,000.00	\$56,496.00	\$225,984.00	\$66,000.00	\$264,000.00	
	21	NA	8" DIA. FRP SS DROP MANHOLE (VF/MH OVER 6' DEPTH)	VF	76	\$2,200.00	\$167,200.00	\$1,400.00	\$106,400.00	\$1,250.00	\$95,000.00	\$200.00	\$15,200.00	\$1,500.00	\$114,000.00	\$300.00	\$22,800.00	
	22	NA	4" DIA. PRECAST DOGHOUSE SS MANHOLE (6' DEPTH)	EA	1	\$8,250.00	\$8,250.00	\$25,000.00	\$25,000.00	\$8,500.00	\$8,500.00	\$27,000.00	\$27,000.00	\$6,941.00	\$6,941.00	\$9,000.00	\$9,000.00	
	23	NA	4" DIA. PRECAST SS MANHOLE (VF/MH OVER 6' DEPTH)	VF	10	\$561.00	\$5,610.00	\$1.00	\$10.00	\$500.00	\$5,000.00	\$100.00	\$1,000.00	\$1,500.00	\$15,000.00	\$200.00	\$2,000.00	
	24	NA	5" DIA. PRECAST DOGHOUSE SS MANHOLE (6' DEPTH)	EA	1	\$9,900.00	\$9,900.00	\$26,000.00	\$26,000.00	\$10,000.00	\$10,000.00	\$28,500.00	\$28,500.00	\$8,068.00	\$8,068.00	\$11,000.00	\$11,000.00	
	25	NA	5" DIA. PRECAST DOGHOUSE SS MANHOLE (VF/MH OVER 6' DEPTH)	VF	5	\$660.00	\$3,300.00	\$1.00	\$5.00	\$600.00	\$3,000.00	\$100.00	\$500.00	\$1,807.00	\$9,035.00	\$250.00	\$1,250.00	
	26	NA	FRP MANHOLE STUBOUT (FIELD LOCATED & INSTALLED) (8")	EA	5	\$4,400.00	\$22,000.00	\$6,800.00	\$34,000.00	\$5,000.00	\$25,000.00	\$15,000.00	\$75,000.00	\$5,000.00	\$25,000.00	\$1,000.00	\$5,000.00	
	27	NA	FRP MANHOLE STUBOUT (42")	EA	1	\$5,060.00	\$5,060.00	\$18,000.00	\$18,000.00	\$15,000.00	\$15,000.00	\$20,000.00	\$20,000.00	\$25,000.00	\$25,000.00	\$5,000.00	\$5,000.00	
	28	NA	SANITARY SEWER PIPE ABANDONMENT (8")	LF	101	\$33.00	\$3,333.00	\$2.00	\$202.00	\$40.00	\$4,040.00	\$4.00	\$404.00	\$105.00	\$10,605.00	\$15.00	\$1,515.00	
	29	NA	SANITARY SEWER PIPE ABANDONMENT (12")	LF	82	\$38.50	\$3,157.00	\$5.00	\$410.00	\$40.00	\$3,280.00	\$5.00	\$410.00	\$105.00	\$8,610.00	\$30.00	\$2,460.00	
	30	NA	SANITARY SEWER PIPE ABANDONMENT (27")	LF	636	\$44.00	\$27,984.00	\$20.00	\$12,720.00	\$50.00	\$31,800.00	\$20.00	\$12,720.00	\$57.00	\$36,252.00	\$40.00	\$25,440.00	
	31	NA	SANITARY SEWER PIPE ABANDONMENT (30")	LF	268	\$49.50	\$13,266.00	\$64.00	\$17,152.00	\$65.00	\$17,420.00	\$33.00	\$8,844.00	\$68.00	\$18,224.00	\$96.00	\$25,728.00	
	32	NA	SANITARY SEWER PIPE ABANDONMENT (33")	LF	129	\$52.80	\$6,811.20	\$30.00	\$3,870.00	\$70.00	\$9,030.00	\$34.00	\$4,386.00	\$88.00	\$11,352.00	\$100.00	\$12,900.00	
	33	NA	SANITARY SEWER PIPE ABANDONMENT (36")	LF	3607	\$55.00	\$198,385.00	\$30.00	\$108,210.00	\$50.00	\$180,350.00	\$35.00	\$126,245.00	\$80.00	\$288,560.00	\$60.00	\$216,420.00	
	34	NA	SANITARY SEWER PIPE ABANDONMENT (48")	LF	211	\$77.00	\$16,247.00	\$55.00	\$11,605.00	\$80.00	\$16,880.00	\$63.00	\$13,293.00	\$117.00	\$24,687.00	\$120.00	\$25,320.00	
	35	NA	SANITARY SEWER MANHOLE ABANDONMENT	EA	16	\$2,200.00	\$35,200.00	\$2,000.00	\$32,000.00	\$2,500.00	\$40,000.00	\$2,000.00	\$32,000.00	\$10,500.00	\$168,000.00	\$2,500.00	\$40,000.00	
	36	NA	CONNECT EXISTING 8" SANITARY SEWER	EA	1	\$3,300.00	\$3,300.00	\$3,000.00	\$3,000.00	\$5,000.00	\$5,000.00	\$15,000.00	\$15,000.00	\$4,215.50	\$4,215.50	\$1,000.00	\$1,000.00	
	37	NA	CONNECT EXISTING 12" SANITARY SEWER	EA	5	\$3,850.00	\$19,250.00	\$6,000.00	\$30,000.00	\$5,000.00	\$25,000.00	\$15,000.00	\$75,000.00	\$4,361.00	\$21,805.50	\$1,500.00	\$7,500.00	
	38	NA	CONNECT EXISTING 33" SANITARY SEWER	EA	1	\$8,250.00	\$8,250.00	\$16,000.00	\$16,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$8,300.00	\$8,300.00	\$6,000.00	\$6,000.00	
	39	NA	CONNECT EXISTING 36" SANITARY SEWER	EA	1	\$11,000.00	\$11,000.00	\$16,000.00	\$16,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$11,781.00	\$11,781.00	\$6,000.00	\$6,000.00	
	40	NA	CONNECT EXISTING 48" SANITARY SEWER	EA	1	\$13,200.00	\$13,200.00	\$16,000.00	\$16,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$40,738.00	\$40,738.00	\$8,000.00	\$8,000.00	
	41	NA	TEMPORARY SEEDING	AC	5	\$1,650.00	\$8,250.00	\$3,600.00	\$18,000.00	\$5,000.00	\$25,000.00	\$4,000.00	\$20,000.00	\$5,000.00	\$25,000.00	\$600.00	\$3,000.00	
	42	NA	PERMANENT SEEDING	AC	3	\$4,400.00	\$13,200.00	\$3,600.00	\$10,800.00	\$5,000.00	\$15,000.00	\$4,000.00	\$12,000.00	\$5,000.00	\$15,000.00	\$600.00	\$1,800.00	
	43	NA	SODDING	AC	3	\$27,500.00	\$82,500.00	\$24,000.00	\$72,000.00	\$38,500.00	\$115,500.00	\$17,000.00	\$51,000.00	\$28,000.00	\$84,000.00	\$36,000.00	\$108,000.00	
	44	NA	BANK STABILIZATION	SY	23	\$220.00	\$5,060.00	\$800.00	\$18,400.00	\$500.00	\$11,500.00	\$10.00	\$230.00	\$498.00	\$11,454.00	\$75.00	\$1,725.00	
	45	NA	REMOVE AND REPLACE CONCRETE DRAINAGE FLUME	LF	8	\$165.00	\$1,320.00	\$300.00	\$2,400.00	\$500.00	\$4,000.00	\$450.00	\$3,600.00	\$304.00	\$2,432.00	\$500.00	\$4,000.00	
	46	NA	REMOVE AND REPLACE AGGREGATE SURFACE	LF	31	\$44.00	\$1,364.00	\$43.00	\$1,333.00	\$50.00	\$1,550.00	\$485.00	\$15,035.00	\$155.00	\$4,805.00	\$30.00	\$930.00	
	47	NA	OWNER ALLOWANCE (\$110,000.00)	LS	1	\$110,000.00	\$110,000.00	\$110,000.00	\$110,000.00	\$110,000.00	\$110,000.00	\$110,000.00	\$110,000.00	\$110,000.00	\$110,000.00	\$110,000.00	\$110,000.00	
			<b>Base Bid Total:</b>				\$5,956,733.20		\$5,852,572.00		\$7,034,610.00		\$7,582,403.00		\$10,227,538.00		\$11,000,000.00	

I certify that this is a true and correct Tabulation of Bids Received at 1:45 PM on March 20, 2025. This Document does not imply that the contract will be awarded to any particular bidder. The City of Broken Arrow reserves the right to accept or reject any and all bids.

*Charlie Bright*

Charlie Bright, P.E.  
Director of Engineering & Construction

**Contract Change Order # 1**

Project Name: Tiger Hill East Water Tank Restoration Project Number: 2454460  
 PO Number: 22501191 Date of Application: Monday, February 10, 2025  
 Contractor: Kimery Painting Inc Submitted By: Todd Green

**Summary of Change in Scope of Work**

The following scope of work consisting of work location, work description, established quantities, and timeline for completion has been reviewed and agreed upon by the contractor, the origin funding department, and the Engineering and Construction Department.

Change of Work Items Included in this Change Order:

- 1) Cost associated with the testing and coating of floor weld seams
- 2) Engineering Cost
- 3) Additional Tank Bracing
- 4) Deduction for not coating tank floor

Change in Contractual Project Time:

- 1) Twenty-one (21) Days for center column repairs and weld testing
- 2)

Plan Sheets or Additional Documents Attached:  Yes  No  Other: \_\_\_\_\_

**Work Order Quantities**

Item#	(Spec)	Item Description	Units	Price	Quantity	Total Amount
2		Deduction for not coating tank floor	LS	\$ 974,600.00	-0.032013134	\$ (31,200.00)
2		Additional Tank Bracing	LS	\$ 974,600.00	0.056638621	\$ 55,200.00
		Weld Testing, Engineering	LS	\$ 29,200.00	1	\$ 29,200.00
						\$ -
Total Change Cost:						\$ 53,200.00

**Summary of Project Costs**

Total Previous Change Orders:	\$ -	Original Contract Amount:	\$ 1,042,600.00
Current Change Order:	\$ 53,200.00	Amended Contract Amount:	\$ 1,095,800.00
Total Cost of Change Orders:	\$ 53,200.00	Percent Change in Contract:	5.10%
Total Cost Applicable to CBA:	\$ 29,200.00	Percent Change Applicable to CBA:	2.80%

**Change Order Authorization**

Change Order # 1 in the sum of: \$ 53,200.00 has been reviewed by all parties and is recommended for approval by:

Contractor Submitting Change Order:	<u>Todd Green</u>	<u>Todd Green</u>	<u>2/24/25</u>
	Name	Signature	Date
Construction Division Manager:	<u>Nathanael T. Kohl, PE</u>	<u>Nathanael Kohl</u>	<u>2/26/2025</u>
	Name	Signature	Date
Director of Engineering & Construction:	<u>Charlie Bright, PE</u>	<u>Charlie Bright</u>	<u>2/27/2025</u>
	Name	Signature	Date
Assistant City Manager - Operations:	<u>Kenneth D Schwab, PE</u>	<u>Kenneth Schwab</u>	<u>2/28/2025</u>
	Name	Signature	Date
City Manager:	<u>Michael Spurgeon</u>	<u>Michael Spurgeon</u>	<u>3/19/2025</u>
	Name	Signature	Date

**This Change is Executed Through:**

- This change to the contract documents is authorized by the City Manager's authority in accordance with the applicable state statutes and COBA Code of Ordinances or 3/18/2025
- This change to the contract documents was approved at the City Council/BAMA meeting held on : 3/19/2025



**BROKEN ARROW MUNICIPAL AUTHORITY (BAMA)  
PROFESSIONAL SERVICES AGREEMENT  
NEW ORLEANS 1.0 MILLION GALLON TOWER INTERIOR CLEANING**

**1. Professional Service Provider:**

- a. Name: Steward Tank Consulting, Inc.
- b. Telephone No.: 918-812-3006
- c. Address: 7476 N. 197<sup>th</sup> East Ave., Owasso, OK 74055

**2. Project Title and Location:** New Orleans 1.0 Million Gallon Tower Interior Cleaning.

**3. Contract for:** Providing repair services associated with public works projects for the BAMA. Water Storage Tower Interior Cleaning Services to include removal and replacement of the two lower Tideflex valves for plastic removal, removal of any miscellaneous plastic debris, interior tank cleaning services and related support services. The Professional Service shall perform all duties, responsibilities and requirements set out in Attachment A hereto. The Professional Service Provider agrees that this repair service shall be treated as an important service to BAMA and also agrees to commit the time necessary to perform the professional services in a professional manner.

**4. Compensation:** Professional Service Provider shall be compensated at the hourly rate in accordance with a lump sum amount that is Not to Exceed Twenty-Seven Thousand Four Hundred Fifty and No/100 (\$27,450.00) for removal and replacement of the two lower Tideflex valves for plastic removal, removal of any miscellaneous plastic debris, interior tank cleaning services and related support services. Additional services may be agreed to at a later date. The parties agree that the Professional Service Provider's position is not a traditional BAMA employee position; therefore, the foregoing constitutes all the benefits and other forms of compensation due the Professional Service Provider, acting in the role of an independent contractor, and therefore ineligible for all other benefits paid to regular full-time BAMA employees. The Professional Service Provider shall be responsible for his own vehicle expenses and any other indirect costs incurred in fulfilling the stated contract requirements. The Professional Service Provider agrees to abide by and comply with all of BAMA's Administrative Policies.

**5. Invoicing and Payment:** The Professional Service Provider shall submit invoices requesting payment for services rendered to BAMA monthly in accordance with actual progress of the work on each work item. The invoices shall be in a format satisfactory to BAMA. Payment will be made within 30 days following the first eligible BAMA meeting occurring after the date on the invoice.

**6. Time for Performance:** These duties, responsibilities and requirements shall begin upon the execution of this Contract and shall be completed within Ninety (90) calendar days after the date the Notice to Proceed is issued. BAMA will issue a Notice to Proceed for each item of work identified under this agreement, following mutual agreement between the Professional Service Provider and BAMA on the hours required for the work item.

**7. Insurance:** The Professional Service Provider shall acquire all insurance policies required

for professional liability insurance, general liability, auto insurance, workers' compensation and/or health insurance. The Professional Service Provider shall provide proof of general liability and professional liability insurance coverage to BAMA on or before the effective date of this Agreement.

During the performance of the services under this Professional Services Contract, the Professional Service Provider shall maintain the insurance coverage required below and BAMA shall be named as an Additional Insured on each required policy:

- (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.

**8. Indemnification:** The Professional Services Provider agrees to defend, indemnify, and hold harmless BAMA, 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 The Professional Services Provider, its agents or employees.

**9. Immigration Compliance:** The Professional Service Provider shall 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”).

**10. Governing Documents:** The parties agree to perform this contract in strict accordance with the clauses, provisions, and the documents identified as follows, all of which are made part of this contract. In the event of conflict, these documents shall be interpreted in the following order:

- a. This Contract
- b. Attachment A to this Contract
- c. Duly Authorized Amendments arising out of this Contract

**11. Electronic Signatures:**

The Parties agree this transaction may be completed by electronic means and an electronic signature on this Contract will be given the same legal effect as a handwritten signature and cannot be denied enforceability solely because is it in electronic form. If the Professional Services Provider signs this Contract electronically and/or submits documents electronically, the Professional Services Provider agrees to comply with BAMA's requirements for submission of electronically signed and/or submitted documents.

**12. 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.

**13. Entirety of Agreement:** The foregoing Professional Services Contract supersedes all previous negotiations and may not be modified except by a written order executed by the parties hereto.

**14. Effective Date:** This Contract is effective shall be effective upon signature of both parties.

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**BROKEN ARROW MUNICIPAL AUTHORITY (BAMA)  
PROFESSIONAL SERVICES AGREEMENT  
NEW ORLEANS 1.0 MILLION GALLON TOWER CLEANING**

**ATTACHMENT A**

**SP - 1.0 SCOPE OF THE PROJECT:**

1.1. Providing Professional Services and Related Support Services associated with the Water Tower Cleaning at the New Orleans 1.0 Million Gallon Tower. Professional Services performed to provide services to include removal and replacement of the two lower Tideflex valves for plastic removal, removal of any miscellaneous plastic debris, interior tank cleaning services and related support services. Work performed under the contract shall be performed on a not to exceed contract as requested by BAMA.

**SP- 2.0 SCOPE OF SERVICES OF THE BAMA: THE BAMA WILL:**

2.1. Furnish to Professional Service Provider all data in its possession and needed guidance as necessary for the service provider to complete the contract requirements.

2.2. Designate in writing a person to act as its representative in respect to the work to be performed under this agreement. Such person shall have complete authority to transmit instructions, receive information, interpret and define BAMA's policies and decisions with respect to materials, equipment, elements and systems pertinent to the services covered by this agreement.

**SP - 3.0 SCOPE OF SERVICES: THE PROFESSIONAL SERVICE PROVIDER SHALL:**

3.1 The Professional Service Provider shall provide removal and replacement of the two lower Tideflex valves for plastic removal, removal of any miscellaneous plastic debris, interior tank cleaning services and related support services at the New Orleans 1.0 Million Gallon Tower owned and operated by the Broken Arrow Municipal Authority.

3.2 Work will be a not to exceed contract all costs associated with the performance of the work, including any support and supervision cost required from the Professional Service Provider.

[END OF ATTACHMENT A]

**BROKEN ARROW MUNICIPAL AUTHORITY (BAMA)  
PROFESSIONAL SERVICES AGREEMENT  
BATTLE CREEK 5.0 MILLION GALLON TANK DISINFECTION**

**1. Professional Service Provider:**

- a. Name: Steward Tank Consulting, Inc.
- b. Telephone No.: 918-812-3006
- c. Address: 7476 N. 197<sup>th</sup> East Ave., Owasso, OK 74055

**2. Project Title and Location:** Battle Creek 5.0 Million Gallon Storage Tank Disinfection.

**3. Contract for:** Providing repair services associated with public works projects for the BAMA. Water Storage Tank Disinfection Services to include tank disinfection services and related support services. The Professional Service shall perform all duties, responsibilities and requirements set out in Attachment A hereto. The Professional Service Provider agrees that this repair service shall be treated as an important service to BAMA and also agrees to commit the time necessary to perform the professional services in a professional manner.

**4. Compensation:** Professional Service Provider shall be compensated at the hourly rate in accordance with a lump sum amount that is Not to Exceed Two Thousand Four Hundred Ninety-Nine and No/100 (\$2,499.00) for inspection services that will include water tank disinfection services. Additional services may be agreed to at a later date. The parties agree that the Professional Service Provider's position is not a traditional BAMA employee position; therefore, the foregoing constitutes all the benefits and other forms of compensation due the Professional Service Provider, acting in the role of an independent contractor, and therefore ineligible for all other benefits paid to regular full-time BAMA employees. The Professional Service Provider shall be responsible for his own vehicle expenses and any other indirect costs incurred in fulfilling the stated contract requirements. The Professional Service Provider agrees to abide by and comply with all of BAMA's Administrative Policies.

**5. Invoicing and Payment:** The Professional Service Provider shall submit invoices requesting payment for services rendered to BAMA monthly in accordance with actual progress of the work on each work item. The invoices shall be in a format satisfactory to BAMA. Payment will be made within 30 days following the first eligible BAMA meeting occurring after the date on the invoice.

**6. Time for Performance:** These duties, responsibilities and requirements shall begin upon the execution of this Contract and shall be completed within Ninety (90) calendar days after the date the Notice to Proceed is issued. BAMA will issue a Notice to Proceed for each item of work identified under this agreement, following mutual agreement between the Professional Service Provider and BAMA on the hours required for the work item.

**7. Insurance:** The Professional Service Provider shall acquire all insurance policies required for professional liability insurance, general liability, auto insurance, workers' compensation and/or health insurance. The Professional Service Provider shall provide proof of general

liability and professional liability insurance coverage to BAMA on or before the effective date of this Agreement.

During the performance of the services under this Professional Services Contract, the Professional Service Provider shall maintain the insurance coverage required below and BAMA shall be named as an Additional Insured on each required policy:

- (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.

**8. Indemnification:** The Professional Services Provider agrees to defend, indemnify, and hold harmless BAMA, 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 The Professional Services Provider, its agents or employees.

**9. Immigration Compliance:** The Professional Service Provider shall 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”).

**10. Governing Documents:** The parties agree to perform this contract in strict accordance with the clauses, provisions, and the documents identified as follows, all of which are made part of this contract. In the event of conflict, these documents shall be interpreted in the following order:

- a. This Contract
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- c. Duly Authorized Amendments arising out of this Contract

**11. Electronic Signatures:**

The Parties agree this transaction may be completed by electronic means and an electronic signature on this Contract will be given the same legal effect as a handwritten signature and cannot be denied enforceability solely because is it in electronic form. If the Professional Services Provider signs this Contract electronically and/or submits documents electronically, the Professional Services Provider agrees to comply with BAMA’s requirements for submission of electronically signed and/or submitted documents.

**12. 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.

**13. Entirety of Agreement:** The foregoing Professional Services Contract supersedes all previous negotiations and may not be modified except by a written order executed by the parties hereto.

**14. Effective Date:** This Contract is effective shall be effective upon signature of both parties.

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**BROKEN ARROW MUNICIPAL AUTHORITY (BAMA)  
PROFESSIONAL SERVICES AGREEMENT  
BATTLE CREEK 5.0 MILLION GALLON TANK DISINFECTION**

**ATTACHMENT A**

**SP - 1.0 SCOPE OF THE PROJECT:**

1.1. Providing Professional Services and Related Support Services associated with the Water Tank Disinfection at the Battle Creek 5.0 Million Gallon Tank. Professional Services performed to provide services to include water tank disinfection services and any related support services. Work performed under the contract shall be performed on a not to exceed contract as requested by BAMA.

**SP- 2.0 SCOPE OF SERVICES OF THE BAMA: THE BAMA WILL:**

2.1. Furnish to Professional Service Provider all data in its possession and needed guidance as necessary for the service provider to complete the contract requirements.

2.2. Designate in writing a person to act as its representative in respect to the work to be performed under this agreement. Such person shall have complete authority to transmit instructions, receive information, interpret and define BAMA's policies and decisions with respect to materials, equipment, elements and systems pertinent to the services covered by this agreement.

**SP - 3.0 SCOPE OF SERVICES: THE PROFESSIONAL SERVICE PROVIDER SHALL:**

3.1 The Professional Service Provider shall provide water tank disinfection services and related support services at the Battle Creek 5.0 Million Gallon Tank owned and operated by the Broken Arrow Municipal Authority.

3.2 Work will be a not to exceed contract all costs associated with the performance of the work, including any support and supervision cost required from the Professional Service Provider.

[END OF ATTACHMENT A]

**AMENDMENT NO. 2  
TO  
AGREEMENT FOR PROFESSIONAL CONSULTING SERVICES  
BETWEEN  
BROKEN ARROW MUNICIPAL AUTHORITY  
AND  
GARVER, LLC**

**PROJECT NAME: BASS PRO BOOSTER PUMP STATION REHABILITATION PROJECT  
PROJECT NUMBER: WL22020**

THIS **AMENDMENT NO. 2** made and entered into this \_\_\_\_\_ day of \_\_\_\_\_ 2025, by and between the BROKEN ARROW MUNICIPAL AUTHORITY, OKLAHOMA, a municipal corporation of the State of Oklahoma, hereinafter referred to as "OWNER", and GARVER, hereinafter referred to as "CONSULTANT";

**WITNESSETH:**

**WHEREAS**, OWNER and CONSULTANT entered into an Agreement dated December 19, 2023 "ORIGINAL AGREEMENT" for services as set forth in said Agreement; and

**WHEREAS**, said ORIGINAL AGREEMENT requires CONSULTANT to provide the OWNER professional services to prepare Construction Documents for the rehabilitation of the booster pump station (PROJECT) located near Bass Pro.

**WHEREAS**, OWNER and CONSULTANT propose to amend said ORIGINAL AGREEMENT to expand the project scope and compensation to include Additional Construction Phase Services and Assistance in Developing Project Closeout Documents.

**WHEREAS**, the ORIGINAL AGREEMENT and Amendments No. 1 through No. 2 shall hereinafter collectively be referred to as the "AGREEMENT"; and

**WHEREAS**, funding is now available for said additional services; and

**WHEREAS**, CONSULTANT is prepared to provide said additional services identified in this Amendment.

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

**1. AMENDED PROJECT SCOPE.**

AMENDMENT 2 will change the total hourly not to exceed amount from \$10,000.00 to \$20,000.00 for TASK 2.5 BIDDING AND CONSTRUCTION PHASE SERVICES.

**2. CHANGE IN CONTRACT AMOUNT.**

As compensation for the additional work, OWNER shall pay CONSULTANT in accordance with the terms as a change in the contract amount as noted below.:

Original Contract Amount executed December 19, 2023	\$ 146,300.00
Amendment No. 1 – Additional Design Services	\$ 8,000.00
<u>Amendment No. 2 – Additional Construction Phase Services</u>	<u>\$ 10,000.00</u>
Revised Total Contract Amount	\$ 164,300.00

**3. AMENDED PROJECT SCHEDULE**

<b>Task Description</b>	<b>Schedule</b>
Additional Construction Phase Services	Completion of construction

**4. EFFECTIVE DATE AND AUTHORIZATION TO PROCEED.**

This Amendment No. 2 is effective upon signature of both parties.

Except as amended hereby, all terms of the Agreement shall remain in full force and effect without modification or change.

**IN WITNESS WHEREOF**, the parties have executed this AMENDMENT, in multiple copies on the respective dates herein below reflected.

**OWNER:**

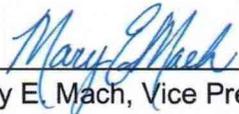
Broken Arrow Municipal Authority

By: \_\_\_\_\_  
Michael L. Spurgeon, General  
Manager

Date: \_\_\_\_\_

**CONSULTANT:**

Garver, LLC

By:  \_\_\_\_\_  
Mary E. Mach, Vice President

Date: March 19, 2025

(CORPORATE SEAL, IF APPLICABLE)

Attest: \_\_\_\_\_  
  
Secretary [Seal]

Attest:  \_\_\_\_\_  
Thomas M. Helvick, Project  
Manager

Date: \_\_\_\_\_

Date: March 19, 2025

Approved as to form:

D. Graham Parker  
OWNER Assistant City Attorney

**VERIFICATION**

State of Oklahoma )  
 ) §  
County of Cleveland )

Before me, a Notary Public, on this 19th \_\_\_\_\_ day of March, 2025, personally appeared Mary E. Mach, known to be to be a Vice President, of Garver, LLC, 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:

3/22/27

Lisa Nipper  
Notary Public

