

City of Broken Arrow
Meeting Agenda
Broken Arrow Municipal Authority

Chairperson Craig Thurmond
Vice Chair Scott Eudey
Trustee Mike Lester
Trustee Johnnie Parks
Trustee Debra Wimpee

Tuesday, September 18, 2018

Council Chambers

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. [18-1042](#) Approval of Broken Arrow Municipal Authority Meeting Minutes of September 4, 2018
- Attachments:** [9-4-2018 BAMA Minutes](#)
- B. [18-1084](#) Acknowledgement of submittal of the Broken Arrow Municipal Authority's Water Supply Report for the month of August 2018
- Attachments:** [Total Water Report-August 2018](#)
- C. [18-1095](#) Acknowledgement of submittal of the Broken Arrow Municipal Authority's Wastewater Discharge Monitoring Report for the month of July 2018
- Attachments:** [July Discharge Monitoring Report](#)
 [July Monthly Operational Report](#)
- D. [18-944](#) Approval of and authorization to execute Agreement with Meshek & Associates, LLC for providing professional services to update the Water and Sewer Geographic Information System (GIS) information for FY2018 and 2019
- Attachments:** [Meshek Prof. Agreement GIS Update2](#)
- E. [18-1099](#) Notification of City Manager's, Assistant City Manager's and Department Director's execution of Professional Consultant Agreements with a value of less than \$25,000
- Attachments:** [Prof. Serv Agreement - Terracon](#)
 [Prof Ser Agreement - Cox McClain](#)

- F. [18-56](#) Approval of the Broken Arrow Municipal Authority Claims List for September 18, 2018

Attachments: [09-18-18 BAMA CL](#)

4. Consideration of Items Removed from Consent Agenda

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

6. General Authority Business

- A. [18-1087](#) Consideration, discussion, and possible approval to reschedule the November 6, 2018, Broken Arrow Municipal Authority meeting to Monday, November 5, 2018, due to Authority members attending the National League of Cities Annual Conference in Los Angeles, CA

7. Executive Session - NONE

8. Adjournment

NOTICE:

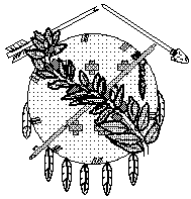
If you wish to speak at this evening's meeting, please fill out a "Request to Speak" form. The forms are available from the City Clerk's table or at the entrance door. Please turn in your form prior to the start of the meeting. Topics are limited to items on the currently posted agenda, or relevant business.

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.

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

City Clerk



City of Broken Arrow

Request for Action

File #: 18-1042, **Version:** 1

Broken Arrow City Council
Meeting of: 09-18-2018

Title:

Approval of Broken Arrow Municipal Authority Meeting Minutes of September 4, 2018

Background:

Minutes recorded for the Broken Arrow Municipal Authority Meeting.

Cost: \$12.14

Funding Source: City Clerk Operational Fund

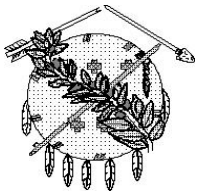
Requested By: Russell Gale, Assistant City Manager of Administration

Approved By: Michael L. Spurgeon, City Manager

Attachments: 9 4 18 BAMA Meeting minutes

Recommendation:

Approve the minutes of September 4, 2018 for the 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 Craig Thurmond
Vice Chair Scott Eudey
Trustee Mike Lester
Trustee Johnnie Parks
Trustee Debra Wimpee

Tuesday, September 4th, 2018

Council Chambers

1. Call to Order

Chairman Craig Thurmond called the meeting to order at approximately 8:47 p.m.

2. Roll Call

Present: 5 - Debra Wimpee, Johnnie Parks, Mike Lester, Scott Eudey, Craig Thurmond

3. Consideration of Consent Agenda

Chairman Thurmond asked if there were any items to be removed from the Consent Agenda. There were none.

MOTION: A motion was made by Mike Lester, seconded by Scott Eudey.

Move to approve the Consent Agenda

The motion carried by the following vote:

Aye: 5 - Debra Wimpee, Johnnie Parks, Mike Lester, Scott Eudey, Craig Thurmond

- A. 18 1041 Approval of Broken Arrow Municipal Authority Meeting Minutes of August 21, 2018**
- B. 18 997 Approval of and authorization to execute Financial Plan Adjustment Number 1 for Fiscal Year 2019**
- C. 18 1057 Acknowledgement of submittal of the May to July 2018 Pretreatment Report to the Regional Metropolitan Utility Authority**
- D. 18 1062 Approval of and authorization to execute Resolution No. 1130, a Resolution stating the intention to reimburse certain capital expenditures from proceeds of tax exempt bonds**
- E. 18 1055 Approval of and authorization to execute Amendment No. 1 to the Professional Consultant Agreement with HDR Engineering, Inc. for assistance during construction for the Verdigris River Water Treatment Plant Pretreatment Basin Expansion (Project No. 175436)**
- F. 18 53 Approval of the Broken Arrow Municipal Authority Claims List for September 04, 2018**

4. Consideration of Items Removed from Consent Agenda

There were no items removed from the Consent Agenda. No action was required or taken.

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

There were no Public Hearings, Appeals, Presentations, Recognitions, or Awards.

6. General Authority Business

A. 18 987 Award the lowest responsible bid to Walters Morgan Construction, Inc. and approve and authorize execution of a construction contract for the Verdigris River Water Treatment Plant Pretreatment Basin Expansion (Project No. 175436)

Engineering and Construction Director Alex Mills reported the water quality of the Verdigris River Water could be challenging during the warm weather months and had caused problems with water quality and turbidity. He stated the purpose of this project was to make improvements which would address the above problems and hopefully maximize the capacity of the Water Treatment Plant. He stated the project included the construction of two rapid mix basins, two flocculation train basins with plate settlers, residual collection and pumping systems, and modifications to the chemical feed, storage and pumping systems. He reported the project was advertised for bid on July 23rd, 2018, bids were opened on August 14th, 2018, four bids were received, and all bids were responsive; a copy of the bid tabulation and a letter of recommendation from the design firm were included with this item. He reported the low bid was \$6,833,000 dollars from Walters Morgan versus an estimate of \$8,231,000 dollars from the design firm. He stated the budgeted loan amount for this project was \$8 million dollars from OWRB (Oklahoma Water Resources Board); therefore, he was pleased to be able to award the project to Walters Morgan Construction, if the Broken Arrow Municipal Authority so approved.

Chairman Thurmond asked if the taste issues recently experienced would be fixed with this project. Mr. Mills responded in the negative. He stated, unfortunately, this would not help with the algae byproduct which was occasionally problematic, but it would help with water clarity.

MOTION: A motion was made by Johnnie Parks, seconded by Debra Wimpee.

Move to award the lowest responsible bid to Walters Morgan Construction, Inc. and approve and authorize execution of a construction contract for the Verdigris River Water Treatment Plant Pretreatment Basin Expansion (Project No. 175436)

The motion carried by the following vote:

Aye: 5 - Debra Wimpee, Johnnie Parks, Mike Lester, Scott Eudey, Craig Thurmond

7. Executive Session

There was no Executive Session.

8. Adjournment

The meeting adjourned at approximately 8:51 p.m.

MOTION: A motion was made by Johnnie Parks, seconded by Mike Lester.

Move to adjourn

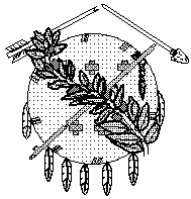
The motion carried by the following vote:

Aye: 5 - Debra Wimpee, Johnnie Parks, Mike Lester, Scott Eudey, Craig Thurmond

Attest:

Chairman

Secretary



City of Broken Arrow

Request for Action

File #: 18-1084, **Version:** 1

Broken Arrow Municipal Authority
Meeting of: 09-18-2018

Title:

Acknowledgement of submittal of the Broken Arrow Municipal Authority's Water Supply Report for the month of August 2018

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 a Total Water Supply Report that records total daily water usage, as well as monthly water volume delivered to the community.

Over the course of the eighth month of the year, the Maximum Water Plant Production Day was 19.3 million gallons per day (MGD) recorded on July 11, 2018. The Average Day usage through the end of August is 13.3 MGD. Total water treated at the plant up to the end of August is 413.3 million gallons (MG). Total water purchased from Tulsa for the month of August is 20.5 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: Ron Sullivan, Interim Utilities Director

Approved By: Michael L. Spurgeon, City Manager

Attachments: Total Water Report-August 2018

Recommendation:

Acknowledge submittal of the Monthly Water Usage Report.

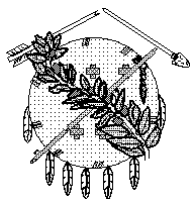
Total Water Usage - 2018												
Day\Mon	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	10.8	9.1	7.4	8.5	10.5	13.4	12.5	14.0				
2	8.6	7.9	8.4	7.7	11.3	14.0	15.5	14.4				
3	8.6	8.7	8.3	9.3	8.1	15.7	17.7	16.6				
4	10.9	9.2	7.6	9.4	9.3	15.2	17.9	16.1				
5	7.8	8.1	9.3	7.9	10.6	15.1	16.3	16.0				
6	9.1	8.3	8.0	8.7	11.3	16.8	16.0	16.4				
7	9.0	8.5	8.7	8.2	12.2	13.1	14.6	14.0				
8	9.0	8.5	8.8	7.8	13.0	12.7	14.8	11.8				
9	9.0	9.6	8.3	10.0	13.3	14.2	14.2	13.7				
10	8.3	7.7	9.3	8.4	13.5	15.6	16.9	13.6				
11	8.2	9.0	8.0	9.9	14.2	16.1	19.3	13.5				
12	8.8	8.2	8.9	11.1	13.6	12.5	16.0	13.1				
13	9.5	9.0	8.6	8.1	14.4	11.6	17.5	12.6				
14	9.6	8.5	8.3	9.2	15.2	15.1	15.7	10.2				
15	7.9	9.4	10.1	9.5	11.8	15.7	13.8	11.4				
16	8.2	9.8	9.0	9.5	12.5	16.7	14.6	10.2				
17	11.0	8.1	10.1	11.0	10.6	15.7	13.7	10.4				
18	8.4	9.1	8.2	10.4	13.7	17.8	14.2	11.7				
19	8.9	7.8	9.5	10.5	13.3	14.4	16.6	10.6				
20	9.9	8.7	8.3	10.6	11.9	14.9	17.5	10.3				
21	8.3	7.8	9.3	8.2	11.8	14.6	17.5	11.0				
22	10.3	7.0	10.2	9.2	13.7	15.8	16.9	8.9				
23	8.2	9.1	10.2	8.9	13.9	12.2	16.3	13.2				
24	8.9	7.5	9.0	10.3	12.5	11.9	16.7	14.1				
25	8.7	8.9	9.8	8.5	14.1	12.1	16.7	13.6				
26	9.2	8.9	8.1	8.5	14.3	12.9	15.9	14.7				
27	8.9	7.2	8.1	10.4	15.8	15.7	14.3	16.2				
28	9.5	8.6	9.4	9.2	16.8	17.2	13.7	14.4				
29	9.8		7.8	11.0	15.8	17.3	12.6	15.3				
30	7.9		8.9	12.0	12.1	17.4	13.5	15.4				
31	9.1		9.4		11.3		11.2	15.9				
Mon. Total	280.3	238.2	273.3	281.9	396.4	443.4	480.6	413.3				
Plant Avg. Day	9.0	8.5	8.8	9.4	12.8	14.8	15.5	13.3				
Monthly Purchase	1.2	1.0	0.4	0.2	0.3	0.8	24.6	20.5				
Total Month	281.5	239.2	273.7	282.1	396.7	444.2	505.2	433.8				
Total Avg. Day	9.1	8.5	8.8	9.4	12.8	14.8	16.3	14.0				

Verdigris Finished Water (MG):	2,807.4	Plant Annual Max. Day (MGD):	19.3
Tulsa Purchase Water (MG) ⁽¹⁾ :	49.0	Plant Annual Avg. Day (MGD):	11.5
Total Finished Water (MG):	2,856.4	Plant Annual Min. Day (MGD):	7.0
		Total System Annual Avg. Day (MGD):	11.7

Notes:

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

Prepared by: Jimmy Helms
Water Plant Manager
9/6/2018



City of Broken Arrow

Request for Action

File #: 18-1095, **Version:** 1

Broken Arrow Municipal Authority
Meeting of: 09-18-2018

Title:

Acknowledgement of submittal of the Broken Arrow Municipal Authority's Wastewater Discharge Monitoring Report for the month of July 2018

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 July 2018 Oklahoma Department of Environmental Quality (ODEQ) Discharge Monitoring Report (DMR) submitted to ODEQ on August 15, 2018.

Over the course of the month of July 2018, the total wastewater collected, treated and discharged is 81.84 million gallons (MG). The average flow was 2.640 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: Ron Sullivan, Interim Utilities Director

Approved By: Michael L. Spurgeon, City Manager

Attachments: July Discharge Monitoring Report
July Monthly Operational Report

Recommendation:

Acknowledgement of submittal of the Monthly Discharge Monitoring Report.

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

PERMITTEE NAME: Broken Arrow, City of
MAILING ADDRESS: NESESES11T17NR14EIM
Broken Arrow, OK 74013
FACILITY: Broken Arrow WWT
LOCATION: NESESES11T17NR14EIM
Broken Arrow, OK 74013

PERMIT NUMBER: OK0040053

MONITORING POINT: 001A

COUNTY:

Tulsa

Monitoring Period: 2018-07-01 To: 2018-07-31

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	342.60	*****	26 lbs/day	*****	15.04	27.00	19 mg/l	3	Five Per Week	COMP12
PARAM CODE: 00310 Stage Code: 1 Effluent Gross	Permit Requirement	2001.6 Monthly Average	*****		*****	30 Monthly Average	45 Weekly Average			Five Per Week	COMP12
PH	Sample Measurement	*****	*****		7.4	*****	7.6	12 pH	0	Daily	GRAB
PARAM CODE: 00400 Stage Code: 1 Effluent Gross	Permit Requirement	*****	*****		6.5 Minimum	*****	9.0 Maximum			Daily	GRAB
SOLIDS, TOTAL SUSPENDED	Sample Measurement	135.68	*****	26 lbs/day	*****	5.96	12.80	19 mg/l	0	Five Per Week	COMP12
PARAM CODE: 00530 Stage Code: 1 Effluent Gross	Permit Requirement	2001.6 Monthly Average	*****		*****	30 Monthly Average	45 Weekly Average			Five Per Week	COMP12
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	Sample Measurement	2.640	3.174	03 MGD	*****	*****	*****		0	Daily	TOTALZ
PARAM CODE: 50050 Stage Code: 1 Effluent Gross	Permit Requirement	Report Monthly Average	Report Maximum Daily		*****	*****	*****			Daily	TOTALZ
CHLORINE, TOTAL RESIDUAL	Sample Measurement	*****	*****		*****	*****	< 0.03	19 mg/l	0	Daily	GRAB
PARAM CODE: 50060 Stage Code: A Disinfection, Process Complete	Permit Requirement	*****	*****		*****	*****	0.099 Instantaneous Maximum			Daily	GRAB
E. COLI	Sample Measurement	*****	*****		*****	2.8	272.0	30 MPN/100mL	0	Twice Every Week	GRAB
PARAM CODE: 51040 Stage Code: 1 Effluent Gross	Permit Requirement	*****	*****		*****	126 Geometric Mean	406 Maximum Daily			Twice Every Week	GRAB
SOLIDS, TOTAL DISSOLVED-180 DEG.C	Sample Measurement	9624	*****	26 lbs/day	*****	464	464	19 mg/l	0	Monthly	COMP12
PARAM CODE: 70300 Stage Code: 1 Effluent Gross	Permit Requirement	77929 Monthly Average	*****		*****	1168 Monthly Average	1168 Maximum Daily			Monthly	COMP12
Name/Title of Principal Executive Officer Or Authorized Agent					Signature of Principal Executive Officer Or Authorized Agent			Telephone No			
WWTP Mgr.					David Handy			918-455-4762			

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: Broken Arrow, City of
MAILING: NESESES11T17NR14EIM
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: 2018-07-01 To: 2018-07-31

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 (A& HG)	Sample Measurement	0.0010	*****	26 lbs/day	*****	< 0.05	< 0.05	28 ug/l	0	Monthly	COMP12
PARAM CODE: 71900 Stage Code: 1 Effluent Gross	Permit Requirement	0.0635 Monthly Average	*****		*****	0.952 Monthly Average	1.9 Maximum Daily			Monthly	COMP12
Name/Title of Principal Executive Officer Or Authorized Agent		I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY ENQUIRY 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	
WWTP Mgr.								David Handy		918-455-4762	

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

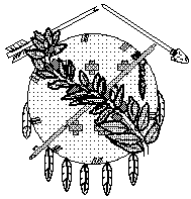
GENERAL REPORT COMMENT:

Lost West Aerator #4-AR-2 on Aug. 17th. due to broken gearbox. Supplemented hydrogen peroxide. Aerator was repaired and back up and running on Aug. 19th.



MONTHLY OPERATIONAL REPORT
City of Broken Arrow Lynn Lane Wastewater Treatment Facility
July-18

		WEATHER			INFLUENT							OXIDATION DITCH					SLUDGE				FINAL EFFLUENT														STREAM SURVEILLANCE														
Date	Day	°F	Rain	Cloud Conditions	Flow (MGD)	RAS (MGD)	°C	pH	Alk.	Settl. Solids	TSS (mg/L)	BOD (mg/L)	D.O. (mg/L)	30 Min. Settl.	SVI (ml/gm)	MLSS (mg/L)	Sl. Age (Days)	WAS (MGD)	CAKE (%)	LANDFILL (Tons)	LANDFILL (D.M. Tons)	°C	D.O. (mg/L)	TDS (mg/L)	TDS (lbs)	pH	Alk.	TSS (mg/L)	TSS (lbs)	BOD (mg/L)	BOD (lbs)	Hg	Hg (lbs.)	E.Coli	Cl2 Res	Flow (MGD)	°C Upstr.	°C Dnstr.	D.O. Upstr.	D.O. Dnstr.	pH Upstr.	pH Dnstr.	App. Upstr.	App. Dnstr.	Fec. Coli. Upstr.	Fec. Coli. Dnstr.	Hrdss.		
1	Sun	86	0.54	cloudy	3.564	2.584	23	7.4	291	20			0.1	320				0.205					24	6.5			7.5	163	2.00	40.63	10.00	203.16				0.03	2.436												
2	Mon	95	0.00	p. cloudy	4.101	3.571	23	7.6	357	18	304	327	0.1	230	113	2,040	7	0.214	16	21.56	3.35	24	6.9			7.4	160	3.00	72.03	11.00	264.12				1.0	0.03	2.879												
3	Tue	97	0.00	clear	3.968	3.305	23	7.5	359	21	354	533	0.1	300	131	2,290	7	0.203	16	60.07	9.32	24	6.8			7.5	185	3.00	66.48	9.00	199.43				3.0	0.03	2.657												
4	Wed	92	0.00	clear	3.771	2.745	24	7.7	420	20	306	395	0.1	280				0.190	16	18.73	2.91	24	6.6			7.5	202	3.00	63.90	9.00	191.70					0.03	2.554												
5	Thur	97	0.00	p. cloudy	3.835	2.742	24	7.7	403	19	280	333	0.0	280	121	2,310	9	0.141	16	31.81	4.94	24	6.9			7.5	178	4.00	85.43	12.00	256.30					0.03	2.561												
6	Fri	97	0.38	clear	3.736	2.775	23	7.6	350	21	402	543	0.1	300	121	2,480	7	0.187	18	33.50	5.85	24	6.9			7.5	199								0.03	2.566													
7	Sat	94	0.01	clear	3.835	2.739	23	7.1	238	24			0.2	300				0.203					25	6.5			7.4	202								0.03	2.482												
8	Sun	92	0.00	clear	3.775	2.248	24	7.3	261	20			0.2	400				0.196					24	6.6	464	9,624	7.4	173	3.00	62.22	9.00	186.67	0.00005	0.0010		0.03	2.487												
9	Mon	93	0.00	clear	3.825	3.772	24	7.7	413	18	268	272	0.2	250	105	2,380	9	0.185	16	17.48	2.71	24	7.1			7.4	164	4.00	84.13	7.00	147.23					0.03	2.522												
10	Tue	96	0.00	clear	3.776	2.985	23	7.3	247	19	374	339	0.0	270				0.202					25	6.8			7.5	178	3.00	61.97	8.00	165.27				1.0	0.03	2.477											
11	Wed	95	0.00	clear	3.610	2.916	24	7.7	378	19	454	352	0.0	280	116	2,420	6	0.209	17	20.42	3.37	24	6.8			7.5	171	3.00	59.05	9.00	177.14				1.0	0.03	2.360												
12	Thur	97	0.00	clear	3.752	2.791	24	7.7	379	21	477	366	0.1	290	117	2,480	6	0.193	18	21.10	3.68	24	6.7			7.5	182	3.00	60.20	7.00	140.46					0.03	2.406												
13	Fri	94	0.00	p. cloudy	3.826	2.938	23	7.4	272	19	494	390	0.0	300	127	2,360	5	0.184	18	20.25	3.54	25	6.9			7.5	187								0.03	2.418													
14	Sat	96	0.47	p. cloudy	3.650	2.801	23	7.2	249	18			0.0	330				0.181					25	6.7			7.5	173								0.03	2.322												
15	Sun	94	0.14	cloudy	3.827	2.887	23	7.3	228	19			0.0	340				0.158					25	6.7			7.4	156	3.00	63.83	8.00	170.20					0.03	2.551											
16	Mon	94	0.53	cloudy	4.182	2.768	24	7.7	347	17	262	332	0.1	400	154	2,600	9	0.085	20			24	6.7			7.5	163	5.00	124.35	12.00	298.44					0.03	2.982												
17	Tue	93	0.27	p. cloudy	4.326	3.110	25	7.6	355	18	392	343	0.1	420				0.174	18	18.21	3.18	25	6.5			7.5	177	12.00	305.94	37.00	943.33				272.0	0.03	3.057												
18	Wed	88	0.00	cloudy	3.936	2.756	24	7.5	264	18	244	281	0.1	400	156	2,560	11	0.207	17	18.67	3.08	24	6.6			7.6	243	17.00	397.98	36.00	842.77				1.0	0.03	2.807												
19	Thur	99	0.00	clear	3.842	2.758	24	7.3	237	24	148	265	0.1	400	156	2,570	18	0.212	17	21.61	3.56	25	6.2			7.5	254	27.00	617.22	42.00	960.12					0.03	2.741												
20	Fri	106	0.00	clear	3.698	2.598	24	7.4	250	20	356	445	0.1	350	159	2,200	7	0.207					25	5.3			7.4	258								0.03	2.704												
21	Sat	99	0.00	p. cloudy	3.562	2.678	24	7.6	320	20			0.1	400				0.197					25	5.7			7.5	240								0.03	2.620												
22	Sun	88	0.00	cloudy	3.577	3.872	24	7.5	286	20			0.1	480				0.230					25	6.7			7.4	206	13.00	287.31	25.00	552.53					0.03	2.650											
23	Mon	91	0.00	cloudy	3.836	3.387	23	7.5	310	18	214	300	0.1	410	152	2,700	13	0.226	17			25	6.7			7.4	205	7.00	164.40	18.00	422.74					0.03	2.816												
24	Tue	94	0.00	clear	3.488	3.240	25	7.7	374	18	325	417	0.1	560	207	2,710	10	0.208	18	16.84	2.94	25	6.8			7.5	230	5.00	107.46	17.00	365.37				1.0	0.03	2.577	PARTIAL WEEKLY AVG.NO.'s											
25	Wed	98	0.00	clear	3.571	3.092	24	7.7	360	20	298	415	0.1	600	226	2,650	10	0.223	18	21.28	3.72	24	6.8			7.6	240	4.00	87.20	14.00	305.21				5.0	0.03	2.614	Date	Week No.	TSS	BOD								
26	Thur	86	0.01	cloudy	3.557	3.250	24	7.6	356	18	385	240	0.1	650	243	2,680	8	0.240	17	22.17	3.66	25	6.8			7.6	250	4.00	86.84	13.00	282.22					0.03	2.603	1-Aug	5	2.00	11.00								
27	Fri	93	0.00	cloudy	3.525	3.319	24	7.4	304	19	432	337	0.2	550	205	2,680	7	0.231	17	38.91	6.42	25	6.9			7.5	222								0.03	2.572	2-Aug	5	2.00	13.00									
28	Sat	89	1.60	cloudy	3.469	3.354	24	7.1	245	19			0.1	550				0.239					25	6.7			7.5	211								0.03	2.523												
29	Sun	89	0.80	cloudy	3.890	2.949																																											



City of Broken Arrow

Request for Action

File #: 18-944, Version: 1

**Broken Arrow Municipal Authority
Meeting of: 09-18-18**

Title:

Approval of and authorization to execute Agreement with Meshek & Associates, LLC for providing professional services to update the Water and Sewer Geographic Information System (GIS) information for FY2018 and 2019

Background:

Additional Water and Sewer facilities are added to the system each year. The work to be performed will be to take that information and place it on our GIS maps. Also, additional upgrades to the system will be done to keep the GIS maps current.

Cost: \$32,800.00

Funding Source: Utilities Operations Budget

Requested By: Alex Mills, P.E., Director of Engineering & Construction

Approved By: Michael L. Spurgeon, City Manager

Attachments: Meshek Professional Services Agreement GIS Water Update2

Recommendation:

Approval and authorization to execute Agreement with Meshek & Associates, LLC for providing professional services to update the Water and Sewer GIS information for FY 2018 and FY 2019

**AGREEMENT
BROKEN ARROW MUNICIPAL AUTHORITY (BAMA)
WATER AND SEWER GIS UPDATES, FY2019
PROFESSIONAL SERVICES AGREEMENT**

1. Consultant Firm:

- a. Name: Meshek & Associates, LLC
- b. Telephone No.: 918-392-5620
- c. Address: 1437 South Boulder Avenue, Suite 1550, Tulsa, OK 74119

2. Project Title and Location: Water and Sewer GIS Updates, FY2019

3. Agreement for: Updating Water and Sewer information in the Geographical Information System (GIS), including a Citywide water and sanitary sewer utility GIS data review and update and a Web-based GIS Data Access Configuration.

4. Agreement Data:

- a. Agreement Amount: Thirty-two Thousand Eight Hundred and No/100 Dollars (\$32,800.00).
- b. Liquidated Damages: N/A.
- c. The total time allowed for completion is 365 calendar days.

5. The Broken Arrow Municipal Authority ("BAMA"), represented by the City Manager, and the Consultant, identified in paragraph 1 agree to perform this agreement in strict accordance with the clauses, provisions, and the documents identified as follows, all of which are made part of this agreement. In the event of conflict, these documents shall be interpreted in the following order:

- a. This Agreement
- b. Duly Authorized Amendments to this Agreement
- c. Special Provisions set out in this Agreement
- d. Consultant's Proposal for this Agreement

6. Agreement approved by the Broken Arrow Municipal Authority on:

**BROKEN ARROW MUNICIPAL AUTHORITY (BAMA)
WATER AND SEWER GIS UPDATES, FY2019
PROFESSIONAL SERVICES AGREEMENT NUMBER**

The Broken Arrow Municipal Authority, a Municipal Trust (BAMA) and Meshek & Associates, LLC (Consultant) with its principal place of business located at 1437 South Boulder Avenue, Suite 1550, Tulsa, Oklahoma 74119, hereby enter into the following Agreement:

The City Manager representing the BAMA desires to employ the professional services of the Consultant to conduct Water and Sewer Geographic Information System (GIS) Updates, FY2019, as outlined in the work plan.

The Consultant shall perform all duties, responsibilities and requirements set out in the Professional Services Agreement Special Provisions Attachment, attached hereto and made a part hereof.

These duties, responsibilities and requirements shall begin upon the execution of this Agreement and shall be completed within Three Hundred Sixty-Five (365) calendar days.

It is agreed that the Consultant shall be compensated at the rate of Thirty-two Thousand Eight Hundred and No/100 Dollars (\$ 32,800.00) for the entire Scope of the Professional Services rendered. The Consultant shall submit invoices, requesting payment for services rendered, to the Planning Division Manager in accordance with the progress made over the invoice period. The invoices shall be in a format satisfactory to the Planning Division Manager. Payment will be made following the first eligible BAMA meeting occurring after the date on the invoice.

The Consultant agrees that this professional service shall be treated as an important service to the City and also agrees to commit the time necessary to perform the professional services in a professional manner.

The parties agree that the Consultant's position is not a traditional City employee position, therefore the foregoing constitutes all the benefits and other forms of compensation due the Consultant, acting in the role of an independent contractor, and therefore ineligible for all other benefits paid to regular full-time City employees. The Consultant agrees to abide by and comply with all of the City's Administrative Policies.

The Consultant shall acquire all insurance policies required for professional liability insurance, auto insurance, and/or health insurance. The Consultant shall be responsible for his own vehicle expenses and any other indirect costs incurred in fulfilling the stated agreement requirements.

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

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be executed by their duly authorized officers or representatives on the dates set forth below.

Approved as to form:

Jesli Myers
Assistant City Attorney

Broken Arrow Municipal Authority
A Municipal Trust

By: _____
Michael L. Spurgeon, City Manager

Attest:

Date _____

Secretary [Seal]

Meshek & Associates, LLC

By: Michael Couch
1437 South Boulder Avenue, Suite 1550
Tulsa, OK 74119

Attest:

N/A
Corporate Secretary (Seal)

Date: _____

VERIFICATIONS

State of Oklahoma)
) ss.
County of Tulsa)

Before me, a Notary Public, on this 17th day of September 20 18, personally appeared Michael Couch, known to me to be the (President, Vice-President, Corporate Officer, Member, Partner or Other: manager (Please circle or specify)) of Meshek & Associates, LLC and to be the identical person who executed the within and foregoing instrument, and acknowledged to me that he executed the same as his free and voluntary act and deed for the uses and purposes therein set forth.

My Commission Expires:

12/17/18



Christy Dulaney
Notary Public

**BROKEN ARROW MUNICIPAL AUTHORITY
WATER AND SEWER GIS UPDATES, FY2019
PROFESSIONAL SERVICES AGREEMENT NUMBER
SPECIAL PROVISIONS ATTACHMENT**

**SPECIAL PROVISIONS
PROJECT NUMBER**

SP - 1.0 SCOPE OF THE PROJECT:

1.1 Update Water and Sewer information in the Geographical Information System (GIS), including a Citywide water and sanitary sewer utility GIS data review and update and a Web-based GIS Data Access Configuration.

1.2 Summary of the work items is as follows. Consultant's proposal containing more detail is in Exhibit A.

- Phase A, Citywide Water and Sanitary Sewer Utility Markups Update.
 - Review markups of water and sanitary sewer system on previously established web map and update sanitary sewer and water utility GIS accordingly.
- Phase B, Subdivision Water and Sanitary Sewer Utility Plans Update.
 - Review subdivision plans filed since start of last year's utility update project and update sanitary sewer and water utility GIS to incorporate new plan data.
- Phase B, Online Map Publishing Support
 - Update existing web mapping and begin migrating map hosting to City's own network infrastructure.
- All work phases to be performed over the course of the year in quarterly increments.

SP - 2.0 SERVICES OF THE CITY: THE CITY WILL:

2.1 Furnish to Consultant all data, in its possession, necessary for the Consultant to complete the agreement 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 the City'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 CONSULTANT SHALL:

3.1 As outlined in the attached work plan (Exhibit A). The Consultant will submit a revised work schedule after this Agreement has been fully executed by the BAMA.

EXHIBIT A
CONSULTANT'S PROPOSAL, WORK PLAN, AND RATE SCHEDULE

August 30, 2018

Mr. Bill Cyganovich, PE
Planning Division Manager, City of Broken Arrow
485 North Poplar Avenue
Broken Arrow, OK 74012

Reference: GIS Data Maintenance and Support

Dear Mr. Cyganovich:

Meshek & Associates, LLC (Meshek) appreciates the opportunity to work with the City of Broken Arrow to provide GIS Data Maintenance and Support to ensure that the City's utility data is ever improving toward the goal of being more current, correct, and accessible. These services would be provided in the form of quarterly updates.

To perform this work, we propose the following tasks and accompanying fees in the table below.

Table 1: Meshek Fee Summary

GIS Data Maintenance and Support		
General Task Description	Quarterly Cost	Annual Cost
Online markups review and input	\$3,200	\$12,800
New subdivision utility plan input	\$3,500	\$14,000
Online map publishing support	\$1,500	\$6,000
Total:	\$8,200	\$32,800

Work would be billed per quarter on a lump sum basis.

For any plan-based input, we would continue to use as-built subdivision utility plans (PDF or CAD format) to add to and modify the existing City utility data. We would input sewer plan and profile information (top of rim and flowline). We would attach the source documents as hyperlinks to the features. This estimate is based on 5 new subdivisions per quarter.

Online map publishing support would include updating the viewer we maintain, or loading the data onto a viewer or server the City maintains.

If the City is able to provide a workspace with network access, these updates could be performed by one of our staff on-site in the City's offices during the quarterly maintenance window. This would be an option for the convenience of the City's staff to facilitate communication during the updates.

Mr. Bill Cyganovich
Page 2 of 2

We are excited for the opportunity to work with the City of Broken Arrow. Please feel free to contact me for any further discussions or questions.

Sincerely,

A handwritten signature in black ink that reads "Michael Couch". The signature is fluid and cursive, with the first name and last name clearly distinguishable.

Michael Couch
GIS Principal
(918) 392-5620 x222
mcouch@meshekengr.com



CIVIL & WATER RESOURCE ENGINEERING
GEOGRAPHIC INFORMATION SYSTEMS

Meshek & Associates, LLC
2018 Rate Schedule

Allowance for Office Work:

Project Principal II	\$	235/hour
Project Principal I	\$	205/hour
Project Manager	\$	120/hour
Project Engineer	\$	105/hour
Engineer Intern	\$	100/hour
Engineering Technician	\$	70/hour
CAD Technician II	\$	95/hour
CAD Technician I	\$	80/hour
Grant Project Manager	\$	165/hour
Planner	\$	115/hour
ROW Project Manager	\$	155/hour
Acquisition/Relocation Agent II	\$	120/hour
Acquisition/Relocation Agent I	\$	110/hour
Real Estate Trainee	\$	85/hour
LiDAR Survey Crew	\$	250/hour
LiDAR Data Processor	\$	125/hour
3 Man Survey Crew	\$	200/hour
2 Man Survey Crew	\$	175/hour
Survey Crew Chief II	\$	120/hour
Survey Crew Chief I	\$	80/hour
Survey Crew Technician	\$	60/hour
GIS Project Principal	\$	175/hour
GIS Project Manager II	\$	165/hour
GIS Project Manager I	\$	125/hour
GIS Specialist II	\$	125/hour
GIS Specialist I	\$	105/hour
GIS Analyst	\$	85/hour
GIS Technician	\$	75/hour
Contract Administrator	\$	105/hour
Clerical	\$	60/hour

Allowance for Travel:

Total mileage traveled for field and office visits
@ Current IRS rate.

Reproduction costs:

In-house reproduction

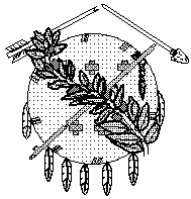
8-1/2"x11" black/white	\$	0.08/each
8-1/2"x11" color	\$	0.15/each
8-1/2"x14" black/white	\$	0.10/each
8-1/2"x14" color	\$	0.17/each
11"x17" black/white	\$	0.20/each
11"x17" color	\$	0.35/each
Black and White Plots	\$	2.00/each
Color Plot	\$	5.00/each
Mylars	\$	5.00/each
USB Flash Drive	\$	10.00/each
Per Diem – Meals	@	Current GSA Rate
Per Diem – Lodging	@	Current GSA Rate

Miscellaneous outside expenses and fees:

Cost plus 5%

www.meshekengr.com

phone: 918-392-5620 • fax: 918-392-5621 • 1437 South Boulder Avenue, Suite 1550, Tulsa, OK 74119



City of Broken Arrow

Request for Action

File #: 18-1099, Version: 1

**Broken Arrow Municipal Authority
Meeting of: 09-18-2018**

Title:

**Notification of City Manager's, Assistant City Manager's and
Department Director's execution of Professional Consultant
Agreements with a value of less than \$25,000**

Background:

The City Manager is authorized by ordinance to approve contract actions up to \$25,000, including A/E agreements, professional consultant agreements and amendments, and construction contracts. In addition, the City Manager has authorized the Assistant City Managers to execute contract actions up to \$15,000.00. Furthermore, Department Directors are authorized by ordinance to execute contract actions up to \$5,000.00.

The City Manager approved the following Agreements for Professional Consulting Services:

- Agreement for Professional Consulting Services with Terracon Consultants, Inc. for County Line Trunk Sewer Improvements, Environmental Services - Wetlands Delineation and Permitting Assistance (Project No. S.1609) \$14,000, 08/30/18.
- Agreement for Professional Consulting Services with Cox McLain Environmental Consulting, Inc. for County Line Trunk Sewer Improvements, Environmental Services - Cultural Survey (Project No. S.1609) \$4,757.54, 08/30/18.

Cost: \$14,000.00
\$4,757.54

Funding Source: Oklahoma Water Resources Board - FAP Loan
Oklahoma Water Resources Board - FAP Loan

Requested By: Alex Mills, P.E., Engineering and Construction Director

Approved By: Michael L. Spurgeon, City Manager

Attachments: Agreement for Wetland Delineation and 404 Permitting
Agreement for County Line Truck Sewer Cultural Survey

Recommendation:

No action required.

CONTRACT
CITY OF BROKEN ARROW
PROFESSIONAL ENVIRONMENTAL SUPPORT SERVICES
PROFESSIONAL SERVICES CONTRACT NUMBER: S.1609

1. Architect/Engineer Firm:

- a. Name: Terracon Consultants, Inc.
- b. Telephone No.: (918) 250-0461
- c. Address: 9522 E. 47th Pl., Unit D, Tulsa, OK 74145

2. Project Title and Location: County Line Trunk Sewer Jurisdictional Waters of the U.S. Assessment and United States Army Corp of Engineers (USACE) Permitting Assistance, Broken Arrow, OK

3. Contract for: Jurisdictional Waters of the U.S. Assessment including desk top review, site visit and report preparation; and USACE Permitting Assistance including requisite meetings with the USACE, data requests from the USACE and site visits in Broken Arrow, OK

4. Contract Data:

a. Contract Amount:

Task 1: to be invoiced as lump sum at \$8,000.00

Task 2: to be invoiced as hourly not to exceed at \$6,000.00

Total: Not to exceed amount of Fourteen Thousand Dollars (\$14,000.00).

b. Liquidated Damages: N/A.

c. The total time allowed for contract completion is; Task 1: 28 calendar days and Task 2: 100 calendar days.

5. The City of Broken Arrow, represented by the City Manager, and the Professional Service Provider, identified in paragraph 1, 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. Duly Authorized Change Orders arising out of this Contract
- c. Special Provisions set out in this Contract
- d. General Provisions set out in this Contract
- e. A/E's Proposal for this Contract dated 08/20/18

6. Contract approved by the City Manager on: 08-30-18

CITY OF BROKEN ARROW
PROFESSIONAL ENVIRONMENTAL SUPPORT SERVICES
PROFESSIONAL SERVICES CONTRACT NUMBER: S.1609

The City of Broken Arrow and Terracon Consultants, Inc., with its place of business located at 9522 E. 47th Pl., Unit D, Tulsa, OK 74145, hereby enters into the following Contract:

The City Manager, representing the City of Broken Arrow, is contracting to acquire the professional services of the Consultant to provide Jurisdictional Waters of the U.S. Assessment including desk top review, site visit and report preparation; and USACE Permitting Assistance including requisite meetings with the USACE, data requests from the USACE and site visits in Broken Arrow, OK

The Consultant shall perform all duties, responsibilities and requirements set out in the Professional Services Contract Special Provisions Attachment, attached hereto and made a part hereof.

These duties, responsibilities and requirements shall begin upon the execution of this Contract and shall be completed within One hundred and Twenty-eight (128) calendar days.

It is agreed that the Consultant shall be compensated at the hourly rate in accordance with attached hourly rate schedule and the total compensation under this contract is Not To Exceed Fourteen Thousand and No/100 (\$14,000.00) for the entire Scope of the Professional Services rendered. The City Engineer will issue a Notice to Proceed for each item of work identified under this agreement, following mutual agreement between the consultant and the City on the hours required for the work item. The Consultant shall submit invoices requesting payment for services rendered to the City Engineer monthly in accordance with actual progress of the work on each work item. The invoices shall be in a format satisfactory to the City Engineer. Payment will be made following the first eligible City Council meeting occurring after the date on the invoice.

The Consultant agrees that this professional service shall be treated as an important service to the City and also agrees to commit the time necessary to perform the professional services in a professional manner.

The parties agree that the Consultant's position is not a traditional City employee position; therefore the foregoing constitutes all the benefits and other forms of compensation due the Consultant, acting in the role of an independent contractor, and therefore ineligible for all other benefits paid to regular full-time City employees. The Consultant agrees to abide by and comply with all of the City's Administrative Policies.

The Consultant shall acquire all insurance policies required for professional liability insurance, auto insurance, and/or health insurance. The Consultant shall be responsible for his own vehicle expenses and any other indirect costs incurred in fulfilling the stated contract requirements.

The foregoing Professional Services Contract supersedes all previous negotiations and

may not be modified except by a written order executed by the parties hereto.
IN WITNESS WHEREOF, the parties hereto have caused this Contract to be executed by their duly authorized officers or representatives on the dates set forth below and supplemental terms and conditions are attached and incorporated herein and shown in Exhibit 1.

Approved as to form:

City of Broken Arrow

Lesli Myers
Assistant City Attorney

By: Michael L. Spurgeon
Michael L. Spurgeon, City Manager

Attest: [Signature]
City Clerk



Date 8/30/18

Terracon Consultants, Inc.

By: [Signature] AP

Attest: [Signature]
Corporate Secretary (Seal)

Date: 8-23-18

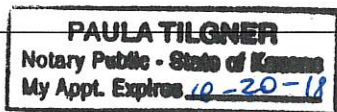


VERIFICATIONS

State of ~~Oklahoma~~ Kansas)
County of Johnson) §.

Before me, a Notary Public, on this 23rd day of August 20 18,
personally appeared Donald J. Vrana, known to me to be the (President,
Executive Vice-President, Corporate Officer, Member, Partner or Other: _____
(Please circle or specify)) of Terracon Consultants, Inc. to be the identical person who executed
the within and foregoing instrument, and acknowledged to me that he executed the same as his
free and voluntary act and deed for the uses and purposes therein set forth.

My Commission Expires:



Paula Tilgner
Notary Public

**CITY OF BROKEN ARROW
PROFESSIONAL ENVIRONMENTAL SERVICES
SPECIAL PROVISIONS ATTACHMENT**

**SPECIAL PROVISIONS
PROJECT NUMBER S.1609**

SP - 1.0 SCOPE OF THE PROJECT:

The scope of project will include Jurisdictional Waters of the U.S. Assessment including desk top review, site visit and report preparation; and USACE Permitting Assistance including requisite meetings with the USACE, data requests from the USACE and site visits in Broken Arrow, OK.

SP- 2.0 SERVICES OF THE CITY: THE CITY WILL:

2.1. Furnish to Consultant all data in its possession, and needed engineering 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 the City'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 CONSULTANT SHALL:

Task 1: Jurisdictional WOUS Assessment - This task is presented in order to assist the client in remaining in compliance with Section 404 of the Clean Water Act (CWA) and/or Section 10 of the Rivers and Harbors Act (RHA) during possible future construction activities onsite. The results of this task will dictate the appropriate level of USACE permitting effort. To accomplish this task, Terracon will perform subtasks which include a desktop review, a site visit, and report preparation as described below.

Subtask 1.1: Desktop Review - Prior to visiting the site, background research will be conducted and will consist of locating and reviewing pertinent maps, aerial photographs, historic topographic maps, soil surveys, plant species data, U.S. Fish and Wildlife Service (USFWS) National Wetlands Inventory (NWI) maps, Federal Emergency Management Agency (FEMA) Flood Insurance Rate Maps (FIRM), and other related data necessary for a desktop review of site conditions. This desktop review will assist Terracon in preliminarily identifying suspect aquatic resources on the site. Terracon will review topographic maps, aerial photographs, and floodplain maps to make a preliminary determination, based on Terracon's opinions and experiences, of the areas that could be potentially be categorized as jurisdictional WOUS and those that may not be jurisdictional. Appropriate sections of the digital topographic maps, aerial photographs, and floodplain maps, and proposed project boundaries will be projected and converted to the appropriate

Geographic Information System (GIS) format that is required for the fieldwork, mapping, and report preparation.

Subtask 1.2: Site Visit - A site visit will be performed to determine the existence and approximate locations of suspect WOUS, including wetlands on the site generally following the USACE 1987 Manual and the applicable USACE regional supplement. Terracon will identify potential WOUS, including traditional navigable waters, relatively permanent waters, non-relatively permanent waters, and wetlands that are adjacent, abutting, or isolated to these waters. The site visit will include completion of USACE wetland determination data forms with plant identification, notation of hydrologic indicators, and excavation of shallow soil profiles, as appropriate within each different vegetative community spread throughout the study area. Potentially jurisdictional waterbodies will be identified by delineating ordinary high water marks and then mapped using a GPS with sub-meter accuracy and the procedures required by the USACE. Following the site visit, exhibits showing the boundaries (polygons) and acreage and/or linear footage (if applicable) of all aquatic resources identified onsite during the site visit will be prepared. Terracon will provide a professional opinion regarding the likelihood for the identified aquatic resources to be considered jurisdictional and regulated by the USACE.

Subtask 1.3: Report Preparation - A report will be prepared for the project documenting the results of the Jurisdictional WOUS Assessment performed onsite. Terracon's comprehensive reports typically address the applicable framework, describe the assessment methodology, limitations and findings, and provide site-specific conclusions and recommendations as appropriate. The Jurisdictional WOUS Assessment report will include the following information, as applicable:

- a. Brief description of the project, methods/sampling procedures, and results as required by the USACE;
- b. A preliminary determination and description of the potentially jurisdictional WOUS and potentially non-jurisdictional aquatic resources identified on the study area;
- c. Acreage of the project area evaluated with boundaries indicated;
- d. Location of each observation point/data point/soil sample station;
- e. Wetland Determination Data Forms completed in accordance with USACE guidelines for each observation point/data point/soil sample station;
- f. Acreage and linear footage (if applicable) of each aquatic resource onsite and total potentially jurisdictional areas (suspect WOUS) and potentially non-jurisdictional aquatic resources including polygons of aquatic resources (mapped by GPS) shown on exhibits;
- g. Historical information (including topographic quadrangle maps, historic aerial photographs, FEMA maps, NWI maps, and soil surveys) to document the potential limits of USACE jurisdiction for the identified aquatic resources (if applicable);
- h. Professional opinions regarding the potential jurisdictional status of the identified aquatic resources with supporting documentation and rationale.

Deliverable: Prior to issuing the report, Terracon will provide to the client a summary of field observations and preliminary results/findings/opinions. An electronic copy of the Jurisdictional

WOUS Assessment report will be provided to the client for review. Upon incorporation of revisions, Terracon will provide an electronic copy of the final report to the client. The Jurisdictional WOUS Assessment report will be prepared in a manner to be easily attached and serve as a supplement to additional documentation which would be submitted to the USACE for review, concurrence, and authorization if necessary. Terracon will prepare a cover letter for the Jurisdictional WOUS Assessment report, summarizing the results of the WOUS investigation and assessing the appropriate Section 404 permitting mechanism and the level of potential coordination with the USACE, if any is required. This permitting assessment will be based on a preliminary alignment and proposed right-of-way width provided by the Client.

Task 2: Permitting Assistance

Terracon will provide the client with Nationwide Permit assistance through the USACE, including: requisite meetings with the USACE, data requests from the USACE, and site visits.

Subtask 2.1: USACE Pre-Application Meeting

Terracon recommends submitting a pre-application meeting request to the USACE Tulsa District prior to mobilizing for field investigations if resources are identified during the environmental constraints analysis that could trigger pre-construction notification under Nationwide Permit (NWP) 12 – Utility Line Activities. This will allow the Client and Terracon to meet with agency personnel and define the level of consultation necessary to permit the project in a timely manner. It is also a time where the level of effort for the archeological survey could be discussed with the USACE archaeologist.

Subtask 2.2: Non-notifying NWP 12 Memorandum

In the event that impacts to WOUS from construction of the proposed sewer line do not trigger pre-construction notification (PCN), Terracon will prepare a non-notifying NWP 12 memorandum. This memorandum will detail the applicability of the referenced NWP, the proposed project impacts, a NWP General/Regional Conditions checklist documenting compliance with the General Conditions of the NWP program and the Oklahoma/Tulsa District Regional Conditions. Accompanying the memorandum will be an updated set of strip maps documenting delineated aquatic features and proposed project impacts/avoidance areas.

Deliverable: One electronic copy of the Non-Notifying NWP 12 Memorandum and impacts maps (.pdf format) will be provided to the client. If requested, Terracon will provide one bound copy and one CD to the client.

Subtask 2.3: NWP 12 Pre-construction Notification

Should the proposed project result in impacts to WOUS that exceed the criteria for authorization under NWP 12 without a PCN, Terracon will assist the client in preparing pre-construction documentation and application submittal to the USACE Tulsa District. This task typically includes providing the preliminary delineation of aquatic features, ownership information, documentation of project impacts, project purpose and need, avoidance and minimization measures, documentation of compliance with Regional/General Conditions, construction drawings and figures, relevant background information, and proposed mitigation. This task does not include preparation of an

Individual Permit (IP) or a mitigation plan involving permittee responsible mitigation (PRM). Should the project dictate that either of these scopes are necessary, Terracon will provide the Client with an additional proposal to complete that work.

Deliverable: One electronic copy of the NWP 12 PCN Submittal (.pdf format) will be provided to the client for review. Upon client authorization and application signature by the project sponsor, Terracon will provide a bound copy of the submittal and a CD to the USACE Tulsa District for review. If requested, Terracon will provide one bound copy and one CD to the client.

Additional Services Beyond Base Service

The fees in this work scope include services describe in this proposal. Fees and work scopes for Threatened and Endangered Species surveys, Biological Assessment, and Cultural Resource Review, that may be required by the USACE, our client or other reviewers are not included. Furthermore, fees for preparing applicable state and/or local permits that may be required are not included in the work scope of this proposal. If necessary, budget estimates for additional services will be provided as the project scope evolves.

Exhibit 1 Supplemental Terms and Conditions

Consequential Damages. Neither party shall be liable to the other for loss of profits or revenue; loss of use or opportunity; loss of good will; cost of substitute facilities, goods, or services; cost of capital; or for any special, consequential, indirect, punitive, or exemplary damages.

Standard of Care/Warranty. Consultant will perform the services in a manner consistent with that level of care and skill ordinarily exercised by members of the profession currently practicing under similar conditions in the same locale. **EXCEPT FOR THE STANDARD OF CARE PREVIOUSLY STATED, CONSULTANT MAKES NO WARRANTIES OR GUARANTEES, EXPRESS OR IMPLIED, RELATING TO CONSULTANT'S SERVICES AND CONSULTANT DISCLAIMS ANY IMPLIED WARRANTIES OR WARRANTIES IMPOSED BY LAW, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.**

Site Access and Safety. City shall secure all necessary site related approvals, permits, licenses, and consents necessary to commence and complete the Services and will execute any necessary site access agreement. Consultant will be responsible for supervision and site safety measures for its own employees, but shall not be responsible for the supervision or health and safety precautions for any third parties, including City's contractors, subcontractors, or other parties present at the site.

CONTRACT
CITY OF BROKEN ARROW
PROFESSIONAL ENVIRONMENTAL SUPPORT SERVICES
PROFESSIONAL SERVICES CONTRACT NUMBER: S.1609

1. Architect/Engineer Firm:

- a. Name: COX | McLAIN Environmental Consulting, Inc.
- b. Telephone No.: (918) 933-6963
- c. Address: 320 S. Boston Ave, Suite 1104 Tulsa, OK 74103

2. Project Title and Location: County Line Trunk Sewer Cultural Resources Services, Broken Arrow, OK

3. Contract for: Project Coordination and Agency Consultation; and Cultural (archeological and built environment) Resources Background Search and Known Constraints Analysis Report for the County Line Trunk Sewer in Broken Arrow, OK

4. Contract Data:

a. Contract Amount:

Task 1: to be invoiced as hourly plus direct expense not to exceed \$1,766.54

Take 2: to be invoiced as lump sum at \$2,991.00

Total: Not to exceed amount of Four Thousand Seven Hundred Fifty Seven Dollars and 54/100 (\$4,757.54).

b. Liquidated Damages: N/A.

c. The total time allowed for contract completion is 21 calendar days.

5. The City of Broken Arrow, represented by the City Manager, and the Professional Service Provider, identified in paragraph 1, 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. Duly Authorized Change Orders arising out of this Contract
- c. Special Provisions set out in this Contract
- d. General Provisions set out in this Contract
- e. A/E's Proposal for this Contract

6. Contract approved by the City Manager on: 08-30-18

CITY OF BROKEN ARROW
PROFESSIONAL ENVIRONMENTAL SUPPORT SERVICES
PROFESSIONAL SERVICES CONTRACT NUMBER: S.1609

The City of Broken Arrow and COX | McLAIN Environmental Consulting, Inc. with its principal place of business located at 320 S. Boston Ave, Suite 1104 Tulsa, OK 74103, hereby enters into the following Contract:

The City Manager, representing the City of Broken Arrow, is contracting to acquire the professional services of the Consultant to provide Project Coordination and Agency Consultation; and Cultural (archeological and built environment) and Resources Background Search and Known Constraints Analysis Report for the County Line Trunk Sewer in Broken Arrow, OK.

The Consultant shall perform all duties, responsibilities and requirements set out in the Professional Services Contract Special Provisions Attachment, attached hereto and made a part hereof.

These duties, responsibilities and requirements shall begin upon the execution of this Contract and shall be completed within Twenty-one (21) calendar days.

It is agreed that the Consultant shall be compensated at the hourly rate in accordance with attached hourly rate schedule and the total compensation under this contract is Not To Exceed Four Thousand Seven Hundred Fifty Seven and 54/100 (\$4,757.54) for the entire Scope of the Professional Services rendered. The City Engineer will issue a Notice to Proceed for each item of work identified under this agreement, following mutual agreement between the consultant and the City on the hours required for the work item. The Consultant shall submit invoices requesting payment for services rendered to the City Engineer monthly in accordance with actual progress of the work on each work item. The invoices shall be in a format satisfactory to the City Engineer. Payment will be made following the first eligible City Council meeting occurring after the date on the invoice.

The Consultant agrees that this professional service shall be treated as an important service to the City and also agrees to commit the time necessary to perform the professional services in a professional manner.

The parties agree that the Consultant's position is not a traditional City employee position; therefore the foregoing constitutes all the benefits and other forms of compensation due the Consultant, acting in the role of an independent contractor, and therefore ineligible for all other benefits paid to regular full-time City employees. The Consultant agrees to abide by and comply with all of the City's Administrative Policies.

The Consultant shall acquire all insurance policies required for professional liability insurance, auto insurance, and/or health insurance. The Consultant shall be responsible for his own vehicle expenses and any other indirect costs incurred in fulfilling the stated contract requirements.

The foregoing Professional Services Contract supersedes all previous negotiations and may not be modified except by a written order executed by the parties hereto. IN WITNESS WHEREOF, the parties hereto have caused this Contract to be executed by their duly authorized officers or representatives on the dates set forth below.

Approved as to form:

Sesli Myers
Assistant City Attorney

Attest: *[Signature]*
City Clerk



City of Broken Arrow

By: *Michael L. Spurgeon*
Michael L. Spurgeon, City Manager

Date 8/30/18

COX | McLAIN Environmental Consulting, Inc.

By: *Larry W. Cox*
Attest: _____

Corporate Secretary (Seal)

Date: _____

VERIFICATIONS

State of Texas)

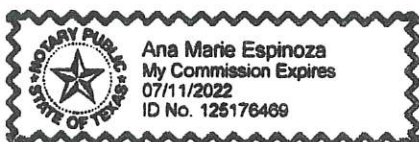
County of Williamson) §.

Before me, a Notary Public, on this 14th day of August, 2018, personally appeared Larry W. Cox, known to me to be the (President, Vice-President, Corporate Officer, Member, Partner or Other: Corp. Officer) (Please circle or specify) of COX | McLAIN Environmental Consulting, Inc. to be the identical person who executed the within and foregoing instrument, and acknowledged to me that he executed the same as his free and voluntary act and deed for the uses and purposes therein set forth.

My Commission Expires:

7/11/22

Ana Marie Espinoza
Notary Public



**CITY OF BROKEN ARROW
PROFESSIONAL ENVIRONMENTAL SERVICES
SPECIAL PROVISIONS ATTACHMENT**

**SPECIAL PROVISIONS
PROJECT NUMBER S.1609**

SP - 1.0 SCOPE OF THE PROJECT:

The scope of project will include Project Coordination and Agency Consultation; and Cultural (archeological and built environment) and Resources Background Search and Known Constraints Analysis Report for the County Line Trunk Sewer in Broken Arrow, OK.

SP- 2.0 SERVICES OF THE CITY: THE CITY WILL:

2.1. Furnish to Consultant all data in its possession, and needed engineering 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 the City'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 CONSULTANT SHALL:

Task 1 - Project Coordination and Agency Consultation: The purpose of this task is to ensure collaboration and coordination occurs between the City of Broken Arrow, Design Engineer, USACE, and other participating entities. CMEC shall meet periodically with these entities to discuss project progress, identified issues, and courses of action needed to resolve issues. These meetings will occur on an as-needed basis and shall include up to two meetings. Meetings will be held either at the CMEC Tulsa office location or at the regulatory entities office (i.e. the Tulsa District USACE). The task may also include preparing meeting materials, meeting notes, and/or project status reports.

Task 2 – Cultural Resources Background Study:

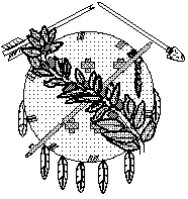
CMEC understands that Section 106 of the NHPA will apply to the proposed project since several federal nexuses are associated with the proposed project (OWRB, Section 404/408 of the Clean Water Act). CMEC cultural resources staff will undertake a site file review at the Oklahoma Archaeological Survey (OAS) and Oklahoma State Historic Preservation Office (SHPO) to determine what archeological sites are located within and/or cultural resources surveys have been conducted within one mile of the study area. With that information and other collected data, including review of historical maps, aerial photography, online General Land Office (GLO) records, soils and geology maps, and any other relevant materials, CMEC will prepare a file search and known constraints analysis letter report. CMEC anticipates conducting the site file review on August 13 and 14, 2018, to provide a preliminary summary of previously identified archeological sites and cultural resources surveys for the City's use in a meeting with USACE on

August 15, 2018. The file search and known constraints analysis letter report will be submitted to the City within 15 days of completion of the file search and background research. The letter report will be submitted electronically via email.

Assumptions and Exclusions:

- Project coordination meetings are assumed to be no more than two;
- For archeological and historic resources, this includes background research and file search/known constraints analysis report only;
- Exclusions: ecological/NEPA services, archeological resources field study at any level or intensive level archival research, historic resources survey, NRHP nominations, HABS/HAER documentation, archeological monitoring, testing, or data recovery, human remains evaluation/coordination/removal. All excluded services could be provided under separate scope/budget.

[END OF DOCUMENT]



City of Broken Arrow

Request for Action

File #: 18-56, Version: 1

FUND 020 BAMA	DATE DUE	VENDOR NO	VENDOR NAME	VOUCHER NO	INVOICE NO	ACCOUNT NO	AMOUNT
	5/22/2018	8679	CORE & MAIN	PI 2958	1867692	020-0000-141.00-00	131.78
				PI 2959	1867692	020-0000-141.00-00	150.00
						5/22/2018 TOTAL -	281.78
						CUMULATIVE TOTAL -	281.78
	5/23/2018	9892	GOODYEAR COMMERCIAL TIRE	PI 3056	2541011004	020-5125-436.60-19	175.55-
						5/23/2018 TOTAL -	175.55-
						CUMULATIVE TOTAL -	106.23
	6/15/2018	8679	CORE & MAIN	PI 2960	1912337	020-0000-141.00-00	672.78
						6/15/2018 TOTAL -	672.78
						CUMULATIVE TOTAL -	779.01
	6/18/2018	9089	YELLOWHOUSE MACHINERY CO	PI 3142	342343	020-5305-438.60-20	775.05
						6/18/2018 TOTAL -	775.05
						CUMULATIVE TOTAL -	1,554.06
	6/20/2018	8679	CORE & MAIN	PI 2961	1947521	020-0000-141.00-00	1,912.08
				PI 2962	1947521	020-0000-141.00-00	755.28
	6/20/2018	9892	GOODYEAR COMMERCIAL TIRE	PI 3058	2541011223	020-5125-436.60-19	160.00-
						6/20/2018 TOTAL -	2,507.36
						CUMULATIVE TOTAL -	4,061.42
	6/22/2018	8679	CORE & MAIN	PI 2963	JO58983	020-0000-141.00-00	1,010.55
				PI 2964	JO58983	020-0000-141.00-00	212.64
						6/22/2018 TOTAL -	1,223.19
						CUMULATIVE TOTAL -	5,284.61
	6/29/2018	11318	INNOVATIVE IDM	PI 3177	206267	020-5405-434.40-29	131.07
						6/29/2018 TOTAL -	131.07
						CUMULATIVE TOTAL -	5,415.68
	7/02/2018	11318	INNOVATIVE IDM	PI 3178	206348	020-5405-434.40-29	10,471.09
						7/02/2018 TOTAL -	10,471.09
						CUMULATIVE TOTAL -	15,886.77
	7/06/2018	255	SAF T GLOVE INC	PI 3165	87731700	020-0000-141.00-00	319.47
						7/06/2018 TOTAL -	319.47
						CUMULATIVE TOTAL -	16,206.24
	7/17/2018	8679	CORE & MAIN	PI 2965	JO70685	020-0000-141.00-00	70.00
	7/17/2018	10903	THE SCHEMMER ASSOCIATES INC	PI 2833	073220011	020-5205-419.70-16	2,000.00
						7/17/2018 TOTAL -	2,070.00
						CUMULATIVE TOTAL -	18,276.24
	7/18/2018	1634	IMPROVED CONSTRUCTION METHODS	PI 3050	40009026	020-0000-141.00-00	149.00
	7/18/2018	11318	INNOVATIVE IDM	PI 3179	207095	020-5405-434.40-29	1,998.00
						7/18/2018 TOTAL -	2,147.00
						CUMULATIVE TOTAL -	20,423.24
	7/30/2018	255	SAF T GLOVE INC	PI 3166	87731701	020-0000-141.00-00	159.29
						7/30/2018 TOTAL -	159.29
						CUMULATIVE TOTAL -	20,582.53

FUND 020 BAMA	DATE DUE	VENDOR NO	VENDOR NAME	VOUCHER NO	INVOICE NO	ACCOUNT NO	AMOUNT
7/31/2018	101		WELDON PARTS TULSA	PI 3139	212502600	020-0000-141.00-00 7/31/2018 TOTAL - CUMULATIVE TOTAL -	892.65 892.65 21,475.18
8/03/2018	8019		HDR, INC	PI 3180	1200138768	020-5410-435.70-16 8/03/2018 TOTAL - CUMULATIVE TOTAL -	4,238.69 4,238.69 25,713.87
8/08/2018	9876		RITZ/LONE STAR SAFETY & SUPPLY	PI 2883	5628273	020-0000-141.00-00 8/08/2018 TOTAL - CUMULATIVE TOTAL -	122.46 122.46 25,836.33
8/10/2018	1634		IMPROVED CONSTRUCTION METHODS	PI 3051	41000028	020-0000-141.00-00	149.00
8/10/2018	11224		BERRY DUNN MENEIL & PARKER LLC	PI 2782	375023	020-1700-419.70-19 8/10/2018 TOTAL - CUMULATIVE TOTAL -	1,740.99 1,889.99 27,726.32
8/14/2018	378		KSM EXCHANGE LLC	PI 2879	P41784	020-5305-438.60-20	13.09
8/14/2018	5410		UNITED RENTALS, INC	PI 2942	159909265001	020-5400-434.60-20	3,344.00
8/14/2018	10949		ROUTEWARE INC.	PI 3167	99644	020-0000-141.00-00 8/14/2018 TOTAL - CUMULATIVE TOTAL -	715.00 4,072.09 31,798.41
8/20/2018	244		GREEN ACRE SOD FARMS DBA	PI 3184	110844	020-5400-434.60-80	150.00
8/20/2018	371		J & R EQUIPMENT LLC	PI 2880	38425	020-5305-438.60-20	885.98
8/20/2018	1059		SOUTHERN TIRE MART	PI 3153	45400637A	020-5125-436.60-19	450.00
8/20/2018	8679		CORE & MAIN	PI 2777	J353030	020-0000-141.00-00	6,670.00
8/20/2018	9876		RITZ/LONE STAR SAFETY & SUPPLY	PI 3087	5633810	020-0000-141.00-00	389.36
8/20/2018	10526		EXPRESS PRESS	PI 3073	36553	020-5200-419.60-10 8/20/2018 TOTAL - CUMULATIVE TOTAL -	259.87 7,905.21 39,703.62
8/21/2018	225		SUMMIT TRUCK GROUP	PI 2924	411166837	020-0000-141.00-00	115.72
8/21/2018	244		GREEN ACRE SOD FARMS DBA	PI 2809	110797	020-5400-434.70-15	150.00
				PI 2810	110798	020-5305-438.60-27	75.00
				PI 2811	110799	020-5400-434.70-15	150.00
8/21/2018	370		AIRGAS USA LLC	PI 2794	9079447417	020-5120-437.60-23	75.57
8/21/2018	10077		GULBRANSEN TECHNOLOGIES INC	PI 2818	91037236	020-5405-434.60-34	12,235.59
8/21/2018	11211		CAROLLO ENGINEERS INC	PI 2975	0169686	020-5400-434.70-16 8/21/2018 TOTAL - CUMULATIVE TOTAL -	37,386.55 50,188.43 89,892.05
8/22/2018	9569		TWIN CITIES READY MIX INC	PI 2931	170859	020-5305-438.70-15	1,116.50
				PI 2932	170859	020-5400-434.60-27	154.00
8/22/2018	10699		KUBOTA CENTER WEST TULSA	PI 3074	P18648	020-5305-438.60-20 8/22/2018 TOTAL - CUMULATIVE TOTAL -	843.50 2,114.00 92,006.05
8/23/2018	176		TIMMONS OIL COMPANY INC	PI 2925	W07273	020-0000-141.00-00	247.65
8/23/2018	244		GREEN ACRE SOD FARMS DBA	PI 2812	110802	020-5400-434.60-80	150.00
				PI 2813	110803	020-5400-434.60-80	75.00

FUND	020 BAMA	DATE DUE	VENDOR NO	VENDOR NAME	VOUCHER NO	I NVOI CE NO	ACCOUNT NO	AMOUNT
8/23/2018		370		AI RGAS USA LLC	PI 2993	9079548423	020-5130-437.60-21	48.80
8/23/2018		5421		LUBER BROS INC.	PI 3089	1 NV00165966	020-0000-141.00-00	438.68
8/23/2018		5941		LOWES	PI 2856	02205	020-5400-434.60-23	48.45
					PI 2858	02270	020-5305-438.60-27	39.21
					PI 2859	02309	020-5305-438.60-27	16.96
8/23/2018		6572		MCMaster CARR	PI 2881	71586070	020-5405-434.60-45	171.85
8/23/2018		8019		HDR, INC	PI 3181	1200138765	020-5410-435.70-16	4,238.69
					PI 3182	1200138771	020-5405-434.70-16	29,127.00
8/23/2018		8864		USA BLUEBOOK	PI 3155	663547	020-5410-435.60-34	700.00
							8/23/2018 TOTAL -	35,302.29
							CUMULATIVE TOTAL -	127,308.34
8/24/2018		37		ANCHOR STONE CO	PI 2784	181791909	020-5305-438.70-15	2,701.72
					PI 2807	181791909	020-5305-438.70-15	370.65
8/24/2018		90		NAPA AUTO PARTS	PI 2894	2210910662	020-5125-436.60-20	300.79
					PI 2895	2210910665	020-5415-435.60-20	269.88
					PI 3090	2210910687	020-0000-141.00-00	91.57
					PI 3091	2210910687	020-0000-141.00-00	75.76
					PI 3092	2210910687	020-0000-141.00-00	49.98
8/24/2018		120		CINTAS CORPORATION	PI 2788	5011484980	020-5305-438.60-23	120.88
8/24/2018		158		DITCH WITCH OF TULSA	PI 3053	P10201	020-0000-141.00-00	67.80
8/24/2018		225		SUMMIT TRUCK GROUP	PI 2948	411167103	020-5400-434.60-20	288.65
8/24/2018		244		GREEN ACRE SOD FARMS DBA	PI 3185	110858	020-5305-438.70-15	1,780.00
8/24/2018		452		GELICO UNIFORMS & SHOES INC	PI 2814	00236089	020-5125-436.60-10	125.00
					PI 2815	00236090	020-5120-437.60-10	125.00
8/24/2018		1059		SOUTHERN TIRE MART	PI 2926	45403291	020-0000-141.00-00	180.02
8/24/2018		2499		STONE COMPUTER AND COPIER SUPP	PI 2928	84409	020-0000-141.00-00	407.70
8/24/2018		5941		LOWES	PI 2861	02527	020-0503-415.70-15	55.46
					PI 2862	02578	020-5305-438.60-23	38.89
					PI 2864	13723	020-5400-434.60-23	11.53
					PI 2865	15649-	020-5400-434.60-23	6.18-
					PI 2866	15650-	020-5400-434.60-23	3.95-
8/24/2018		6478		FORTILINE INC	PI 3052	4365271	020-0000-141.00-00	3,060.00
8/24/2018		9569		TWIN CITIES READY MIX INC	PI 3146	171035	020-5305-438.60-27	308.00
					PI 3147	171035	020-5400-434.60-27	269.50
8/24/2018		9706		WATER TECH INC	PI 2940	69129	020-5405-434.60-34	4,566.60
8/24/2018		9846		EVANS HYDRAULIC REPAIR	PI 2826	7110	020-5400-434.40-20	295.00
							8/24/2018 TOTAL -	15,550.25
							CUMULATIVE TOTAL -	142,858.59
8/25/2018		420		APAC-CENTRAL, INC	PI 2980	7001144050	020-5305-438.60-27	198.09
					PI 2981	7001143561	020-5305-438.60-27	220.41
							8/25/2018 TOTAL -	418.50
							CUMULATIVE TOTAL -	143,277.09
8/27/2018		8		BRENNTAG SOUTHWEST INC	PI 2994	BSW018753	020-5410-435.60-34	846.13
8/27/2018		71		BROKEN ARROW ELECTRIC SUPPLY I	PI 2988	S2403683001	020-5120-437.60-18	18.88
8/27/2018		90		NAPA AUTO PARTS	PI 2897	2210910888	020-5415-435.60-20	35.73
8/27/2018		225		SUMMIT TRUCK GROUP	PI 2949	411167165	020-5400-434.60-20	62.76
8/27/2018		244		GREEN ACRE SOD FARMS DBA	PI 3186	110859	020-5400-434.60-80	150.00
					PI 3187	110860	020-5305-438.70-15	300.00

FUND	020 BAMA	DATE DUE	VENDOR NO	VENDOR NAME	VOUCHER NO	I NVOI CE NO	ACCOUNT NO	AMOUNT
					PI 3188	110861	020-5400-434.60-80	75.00
					PI 3189	110862	020-5305-438.70-15	150.00
8/27/2018		377		KIMS INTERNATIONAL	PI 2850	0107643	020-5125-436.60-20	16.46
8/27/2018		452		GELICO UNIFORMS & SHOES INC	PI 2816	00236155	020-5415-435.60-10	109.99
8/27/2018		1059		SOUTHERN TIRE MART	PI 2943	45403678	020-5125-436.60-19	250.00
8/27/2018		3210		ROSEMOUNT INC	PI 3212	71327636	020-5405-434.60-45	855.53
8/27/2018		5936		CONTINENTAL BATTERY CO	PI 2778	15320827180910	020-0000-141.00-00	154.50
8/27/2018		5941		LOWES	PI 2868	02179	020-5405-434.60-23	77.98
					PI 2870	12186	020-5415-435.60-23	63.94
8/27/2018		8846		DUNHAM S ASPHALT PLANT	PI 3060	250492	020-5415-435.70-15	602.60
8/27/2018		9089		YELLOWHOUSE MACHINERY CO	PI 2945	361251	020-5400-434.60-20	2,537.40
8/27/2018		9569		TWIN CITIES READY MIX INC	PI 2933	171142	020-5305-438.60-27	132.00
8/27/2018		10233		PETROLEUM TRADERS CORP	PI 2885	1300265	020-0000-141.00-00	17,013.73
							8/27/2018 TOTAL -	22,952.63
							CUMULATIVE TOTAL -	166,229.72
8/28/2018		42		ARROW SAFE AND LOCK INC	PI 2797	72219	020-5120-437.60-23	105.50
8/28/2018		71		BROKEN ARROW ELECTRIC SUPPLY I	PI 2991	S2404717001	020-5120-437.60-18	6.68
8/28/2018		90		NAPA AUTO PARTS	PI 2886	2210910950	020-0000-141.00-00	93.48
					PI 2887	2210910950	020-0000-141.00-00	13.27
					PI 2888	2210910950	020-0000-141.00-00	37.02
					PI 2889	2210910950	020-0000-141.00-00	51.10
					PI 2900	2210910942	020-5406-434.60-20	41.01
					PI 2901	2210910947	020-5305-438.60-20	51.99
					PI 2903	2210910989	020-5406-434.60-20	147.84
					PI 2905	2210911001	020-5125-436.60-20	54.00
8/28/2018		92		WHITE STAR MACHINERY & SUPPLY	PI 2952	07186923	020-5305-438.60-20	134.40
8/28/2018		141		CUMMINS SOUTHERN PLAINS	PI 2801	912875	020-5305-438.40-20	212.72
8/28/2018		179		TRANS CONTINENTAL SUPPLY INC	PI 2927	1032378	020-0000-141.00-00	253.20
8/28/2018		244		GREEN ACRE SOD FARMS DBA	PI 3190	110865	020-5400-434.60-80	25.00
					PI 3191	110866	020-5400-434.60-80	25.00
					PI 3192	110867	020-5415-435.60-23	75.00
					PI 3193	110868	020-5305-438.60-27	75.00
8/28/2018		327		HACH COMPANY	PI 2843	11111482	020-5405-434.60-34	1,312.50
8/28/2018		371		J & R EQUIPMENT LLC	PI 3207	38522	020-5415-435.60-24	689.99
8/28/2018		1409		SMITH FARM & GARDEN CO	PI 2842	820246	020-5305-438.60-20	32.76
8/28/2018		5371		PREMIER TRUCK GROUP	PI 2917	125243755	020-5400-434.60-20	214.60
					PI 2918	125243755	020-5400-434.60-20	57.04
8/28/2018		5904		ADDCO ELECTRIC INC.	PI 3210	23298	020-5120-437.70-15	554.05
8/28/2018		5936		CONTINENTAL BATTERY CO	PI 2779	10330828180938	020-0000-141.00-00	133.44
8/28/2018		5941		LOWES	PI 2871	01262	020-5410-435.60-23	167.56
8/28/2018		7486		BUILDING SPECIALTIES/L&W SUPPL	PI 2795	182210848	020-0503-415.70-15	316.30
8/28/2018		9569		TWIN CITIES READY MIX INC	PI 2934	171254	020-5305-438.60-27	264.00
8/28/2018		9784		EUROFINS EATON ANALYTICAL INC	PI 3064	S310216	020-5405-434.60-34	1,584.00
8/28/2018		9822		MORTON SALT INC	PI 2841	5401648944	020-5405-434.60-34	6,069.02
8/28/2018		10051		BROWNCO MFG & SALES	PI 2799	555881	020-5305-438.60-23	550.00
8/28/2018		10293		DIAMOND MOWERS INC	PI 3083	0147221	020-5305-438.60-20	593.22
8/28/2018		11375		NOZZTEQ INC	PI 3129	NT0612371	020-5415-435.60-24	5,410.73
							8/28/2018 TOTAL -	19,243.42
							CUMULATIVE TOTAL -	185,473.14

FUND	020 BAMA	DATE DUE	VENDOR NO	VENDOR NAME	VOUCHER NO	I NVOI CE NO	ACCOUNT NO	AMOUNT
8/29/2018	90			NAPA AUTO PARTS	PI 2890	2210911095	020-0000-141.00-00	69.92
					PI 2891	2210911095	020-0000-141.00-00	37.02
					PI 2892	2210911095	020-0000-141.00-00	5.46
					PI 2908	2210911082	020-5120-437.60-23	16.18
8/29/2018	130			UNITED ENGINES INC	PI 3159	84335	020-5400-434.40-20	1,492.26
8/29/2018	176			TIMMONS OIL COMPANY INC	PI 2929	W 07318	020-0000-141.00-00	248.40
8/29/2018	225			SUMMIT TRUCK GROUP	PI 2954	411167468	020-5125-438.60-20	110.94
8/29/2018	244			GREEN ACRE SOD FARMS DBA	PI 3194	110870	020-5305-438.60-27	37.50
8/29/2018	253			SIGNALTEK INC	PI 3168	14725	020-0000-141.00-00	1,423.62
8/29/2018	370			AIRGAS USA LLC	PI 3197	9079742184	020-5410-435.60-23	98.50
8/29/2018	377			KIMS INTERNATIONAL	PI 2852	0107675	020-5120-437.60-24	91.96
8/29/2018	724			O'REILLY AUTOMOTIVE	PI 3093	0156256423	020-0000-141.00-00	179.64
8/29/2018	5371			PREMIER TRUCK GROUP	PI 2920	125243783	020-5400-434.60-20	99.45
					PI 2922	125243820	020-5125-436.60-20	86.94
8/29/2018	5803			AMERICAN HOSE & SUPPLY	PI 2976	0051757	020-5305-438.70-15	57.30
8/29/2018	5936			CONTINENTAL BATTERY CO	PI 2780	10930829181232	020-0000-141.00-00	65.46
					PI 2781	16730829181409	020-0000-141.00-00	164.88
8/29/2018	5941			LOWES	PI 2875	01474	020-5305-438.60-23	11.14
					PI 2877	12732	020-5120-437.60-23	5.40
					PI 3115	02591	020-5100-437.60-18	11.94
8/29/2018	8353			BISHOP LIFTING PRODUCTS INC	PI 2967	TULPSI 36016	020-0000-141.00-00	776.00
8/29/2018	8539			ALL MAINTENANCE SUPPLY INC	PI 2968	0007207801	020-0000-141.00-00	101.00
8/29/2018	8864			USA BLUEBOOK	PI 3160	668884	020-5410-435.60-34	55.00
8/29/2018	9089			YELLOWHOUSE MACHINERY CO	PI 2951	362269	020-5305-438.60-20	138.42
8/29/2018	9569			TWIN CITIES READY MIX INC	PI 3148	171308	020-5305-438.60-27	253.00
8/29/2018	9876			RITZ/LONE STAR SAFETY & SUPPLY	PI 2884	5638551	020-0000-141.00-00	121.71
					PI 3088	56382	020-0000-141.00-00	771.44
8/29/2018	9892			GOODYEAR COMMERCIAL TIRE	PI 2803	2541011805	020-0000-141.00-00	1,030.16
					PI 2805	2541011812	020-0000-141.00-00	2,359.50
					PI 2830	2541011807	020-5305-438.60-19	1,103.62
8/29/2018	10526			EXPRESS PRESS	PI 2822	36625	020-5120-437.60-10	232.90
					PI 2823	36627	020-5115-437.60-10	130.95
8/29/2018	11140			SENECA COMPANIES	PI 3205	1301121RI	020-5130-437.40-55	67.99
8/29/2018 TOTAL -								11,455.58
CUMULATIVE TOTAL -								196,928.72
8/30/2018	74			BROKEN ARROW LAWN & GARDEN	PI 2966	623	020-0000-141.00-00	576.00
8/30/2018	90			NAPA AUTO PARTS	PI 2911	2210911152	020-5410-435.60-20	48.70
					PI 2913	2210911181	020-5120-437.60-20	40.64
					PI 3199	2210911154	020-5410-435.60-20	62.99
8/30/2018	240			GRAINGER	PI 3084	9891418882	020-5120-437.60-24	218.94
8/30/2018	370			AIRGAS USA LLC	PI 3198	9079794380	020-5130-437.60-23	50.04
8/30/2018	377			KIMS INTERNATIONAL	PI 3068	0107698	020-5415-435.60-40	32.15
8/30/2018	403			MAXWELL SUPPLY OF TULSA INC	PI 3086	470380	020-0000-141.00-00	177.60
8/30/2018	890			B & M OIL COMPANT - TULSA	PI 2969	0474475	020-0000-141.00-00	406.00
8/30/2018	1059			SOUTHERN TIRE MART	PI 3140	45404417	020-0000-141.00-00	2,703.00
8/30/2018	1409			SMITH FARM & GARDEN CO	PI 2832	820617	020-0000-141.00-00	419.70
8/30/2018	5371			PREMIER TRUCK GROUP	PI 2919	125243853	020-5400-434.60-20	153.58
8/30/2018	6656			SOUTH EAST AUTO TRIM INC.	PI 2950	56626	020-5400-434.40-20	250.00
8/30/2018	9892			GOODYEAR COMMERCIAL TIRE	PI 2804	2541011822	020-0000-141.00-00	618.00
					PI 3209	2541011824	020-5400-434.60-19	850.88

FUND 020 BAMA	DATE DUE	VENDOR NO	VENDOR NAME	VOUCHER NO	INVOICE NO	ACCOUNT NO	AMOUNT
	8/30/2018	10526	EXPRESS PRESS	PI 3079	36623	020-5305-438.60-10	200.56
	8/30/2018	11047	HARD HAT SAFETY & GLOVE LLC	PI 3169	29258	020-0000-141.00-00	714.00
	8/30/2018	11140	SENECA COMPANIES	PI 3206	1301335RI	020-5130-437.40-55	3.07-
						8/30/2018 TOTAL -	7,438.43
						CUMULATIVE TOTAL -	204,367.15
	8/31/2018	90	NAPA AUTO PARTS	PI 3104	2210911268	020-5120-437.60-23	8.28
				PI 3107	2210911283	020-5120-437.60-23	6.29
				PI 3108	2210911326	020-5120-437.60-23	2.24
				PI 3200	22109111327	020-5406-434.60-20	29.90
	8/31/2018	120	CINTAS CORPORATION	PI 2983	5011659323	020-5120-437.60-23	229.24
				PI 2984	5011659323	020-5130-437.60-23	56.54
				PI 2985	5011659324	020-5100-437.60-23	232.68
	8/31/2018	377	KIMS INTERNATIONAL	PI 3070	0107729	020-5415-435.60-23	11.72
	8/31/2018	602	GADES SALES CO INC	PI 2802	0074407	020-0000-141.00-00	10,780.00
	8/31/2018	1409	SMITH FARM & GARDEN CO	PI 3150	820840	020-5305-438.60-20	122.68
	8/31/2018	3053	AIR CLEANING TECHNOLOGIES INC	PI 2776	32296	020-0000-141.00-00	292.03
	8/31/2018	5371	PREMIER TRUCK GROUP	PI 3131	125244125	020-5410-435.60-20	169.51
	8/31/2018	5936	CONTINENTAL BATTERY CO	PI 2970	15320831180950	020-0000-141.00-00	463.50
	8/31/2018	5941	LOWES	PI 3119	02095	020-5405-434.60-23	22.62
				PI 3120	02112	020-5410-435.60-03	19.88
				PI 3203	11247	020-5400-434.60-38	6.66
	8/31/2018	6789	GREEN COUNTRY TESTING	PI 3061	63625	020-5210-419.50-86	30.00
				PI 3062	63625	020-5415-435.30-34	100.00
	8/31/2018	6822	TULSA WINNELSON COMPANY	PI 2938	07590900	020-5405-434.60-45	30.91
	8/31/2018	9569	TWIN CITIES READY MIX INC	PI 3183	171499	020-5305-438.70-15	231.00
	8/31/2018	9892	GOODYEAR COMMERCIAL TIRE	PI 3054	2541011834	020-0000-141.00-00	5,117.00
				PI 3082	2541011834	020-5125-436.60-19	99.59
	8/31/2018	10077	GULBRANSEN TECHNOLOGIES INC	PI 2819	91037235	020-5405-434.60-34	11,837.53
	8/31/2018	10526	EXPRESS PRESS	PI 3081	36679	020-5130-437.60-10	119.90
	8/31/2018	11122	PENCCO, INC	PI 3204	34429	020-5415-435.40-28	10,305.40
						8/31/2018 TOTAL -	40,325.10
						CUMULATIVE TOTAL -	244,692.25
	9/04/2018	42	ARROW SAFE AND LOCK INC	PI 3003	72228	020-5120-437.60-23	16.40
	9/04/2018	90	NAPA AUTO PARTS	PI 3132	2210911493	020-5410-435.60-20	304.66
				PI 3135	2210911512	020-5410-435.60-20	48.70-
	9/04/2018	101	WELDON PARTS TULSA	PI 3163	215029900	020-5125-436.60-20	463.90
	9/04/2018	2137	PRO OVERHEAD DOOR	PI 3137	139489	020-5120-437.70-15	14,669.27
				PI 3138	139489	020-5120-437.70-15	7,334.63
	9/04/2018	5599	DEQ	002655	CONSENT #18-130	020-5410-435.30-75	10,000.00
	9/04/2018	5936	CONTINENTAL BATTERY CO	PI 2972	15320904180925	020-0000-141.00-00	133.44
	9/04/2018	5941	LOWES	PI 3236	02809	020-5305-438.60-20	26.00
				PI 3237	12441	020-5305-438.60-23	18.99
	9/04/2018	7483	LAFERRY'S LP GAS COMPANY	PI 3136	30865	020-5405-434.60-23	27.20
	9/04/2018	10645	SWFTREACH NETWORKS INC	002799	242757	020-5400-434.40-55	6,248.75
				002800	242757	020-5415-435.40-55	3,749.25
	9/04/2018	10772	WEX FLEET UNIVERSAL	002668	55661652	020-5120-437.60-21	359.04
	9/04/2018	11039	ALEX MILLS	002648	09/24-27/18	020-5205-419.50-03	236.00
				002649	10/15-18/18	020-5205-419.50-03	236.00
	9/04/2018	11144	CROWN VILLAGE AT ELM RIDGE LLC	002654	OCT 2018	020-5401-434.40-28	1,635.00

FUND 020 BAMA	DATE DUE	VENDOR NO	VENDOR NAME	VOUCHER NO	INVOICE NO	ACCOUNT NO	AMOUNT
9/04/2018	11391		STACY WHITE	002661	09/24-27/18	020-5205-419.50-03	236.00
				002662	10/15-18/18	020-5205-419.50-03	236.00
						9/04/2018 TOTAL -	45,881.83
						CUMULATIVE TOTAL -	290,574.08
9/05/2018	35		A & N TRAILER PARTS INC	PI 3217	00308238	020-5305-438.60-20	3.50
9/05/2018	90		NAPA AUTO PARTS	PI 3218	2210911669	020-5400-434.60-20	8.49
				PI 3219	2210911670	020-5400-434.60-20	12.99
				PI 3220	2210911671	020-5406-434.60-20	22.85
				PI 3221	2210911671	020-5410-435.60-20	62.99
				PI 3222	2210911680	020-5406-434.60-20	7.05
9/05/2018	225		SUMMIT TRUCK GROUP	PI 3249	411167846	020-5125-436.60-20	106.54
9/05/2018	5941		LOWES	PI 3238	01830	020-5305-438.60-23	197.51
				PI 3239	02005/	020-5210-419.50-86	12.02
9/05/2018	8679		CORE & MAIN	PI 2971	J188710	020-0000-141.00-00	675.00
						9/05/2018 TOTAL -	923.16
						CUMULATIVE TOTAL -	291,497.24
9/06/2018	42		ARROW SAFE AND LOCK INC	PI 3242	72320	020-5305-438.60-20	6.50
9/06/2018	90		NAPA AUTO PARTS	PI 3171	2210911772	020-0000-141.00-00	487.85
				PI 3172	2210911772	020-0000-141.00-00	106.70
				PI 3173	2210911772	020-0000-141.00-00	119.76
				PI 3174	2210911772	020-0000-141.00-00	27.86
				PI 3175	2210911772	020-0000-141.00-00	87.92
				PI 3176	2210911772	020-0000-141.00-00	11.45
9/06/2018	225		SUMMIT TRUCK GROUP	PI 3250	411167895	020-5305-438.60-20	101.27
9/06/2018	11122		PENCCO, INC	PI 3244	34431	020-5415-435.40-28	1,450.00
9/06/2018	11140		SENECA COMPANIES	PI 3245	13011903RI	020-5130-437.40-55	9.72
						9/06/2018 TOTAL -	2,409.03
						CUMULATIVE TOTAL -	293,906.27
9/10/2018	3444		ADMIRAL EXPRESS LLC	002311	177692S	020-5100-437.60-24	146.84
				002312	177692S	020-5100-437.60-24	339.00
				002313	177692S	020-5100-437.60-03	241.36
				002321	177767S	020-5205-419.60-03	187.56
				002324	177671S	020-0302-413.60-03	29.99
				002327	177843S	020-0503-415.60-03	126.87
				002333	178021S	020-5410-435.60-03	194.06
				002334	177890S	020-5305-438.60-03	106.82
				002336	177669S	020-5400-434.60-03	135.12
				002337	C19731070	020-5130-437.60-24	254.21
				002338	177664S	020-5130-437.60-03	11.04
				002340	177968S	020-1700-419.50-86	43.62
9/10/2018	8512		AT&T MOBILITY	002179	2318262	020-5305-438.50-54	16.77
				002180	2320816	020-5305-438.50-54	16.77
				002181	232822369	020-5305-438.50-54	16.77
				002182	2372406	020-5305-438.50-54	16.77
				002183	2373480	020-5305-438.50-54	16.77
				002184	2840882	020-5305-438.50-54	15.50
				002185	3445134	020-5305-438.50-54	16.77
				002186	6005562	020-5305-438.50-54	16.77

FUND	020 BAMA						
DATE		VENDOR	VENDOR	VOUCHER	I NVOI CE	ACCOUNT	AMOUNT
DUE		NO	NAME	NO	NO	NO	
				002209	2321806	020-5120-437.50-22	24.14
				002210	2322011	020-5120-437.50-22	24.14
				002211	6931161	020-5120-437.50-22	10.78
				002212	6932991	020-5400-434.50-22	15.79
				002213	6933102	020-5400-434.50-22	10.21
				002214	2373170	020-5400-434.50-54	16.77
				002215	2829013	020-5400-434.50-54	16.77
				002216	4026912	020-5400-434.50-54	16.77
				002217	4039359	020-5400-434.50-54	16.77
				002218	7285048	020-5400-434.50-54	16.77
				002219	7285116	020-5400-434.50-54	16.77
				002220	8993249	020-5400-434.50-54	16.77
				002221	2820091	020-5415-435.50-22	16.77
				002222	3468936	020-5415-435.50-22	16.77
				002223	5653832	020-5415-435.50-22	15.79
				002224	8923683	020-5415-435.50-22	15.79
				002225	5100835	020-5406-434.50-54	16.77
				002226	5109132	020-5406-434.50-54	16.77
				002228	7981029	020-5405-434.50-22	10.78
				002230	8570944	020-5115-437.50-22	10.78
				002231	9369042	020-5410-435.50-22	10.78
				002237	5764506	020-5215-419.50-54	21.00
				002238	9023966	020-5205-419.50-54	20.43
				002239	2825651	020-5200-419.50-54	16.50
				002240	2825682	020-5200-419.50-54	17.47
				002241	282568/ 4	020-5200-419.50-54	16.77
				002242	2825686	020-5200-419.50-54	17.47
				002243	2825697	020-5200-419.50-54	17.47
				002244	4080384	020-5200-419.50-54	16.77
				002245	6303341	020-5200-419.50-54	16.77
				002246	6446493	020-5200-419.50-22	24.08
				002247	6446494	020-5200-419.50-22	24.46
				002248	6930623	020-5200-419.50-22	24.46
				002249	6989325	020-5200-419.50-22	24.46
				002250	6989326	020-5200-419.50-22	24.46
				002251	8570323	020-5200-419.50-22	24.08
				002252	8920616	020-5200-419.50-22	24.46
						9/10/2018 TOTAL -	2,105.52
						CUMULATI VE TOTAL -	296,011.79
9/11/2018	159	DK MACHI NE I NC		002344	10745	020-5406-434.40-55	312.00
				002380	10746	020-5406-434.40-55	153.00
9/11/2018	378	KSM EXCHANGE LLC		002433	R10439	020-5400-434.40-32	2,309.00
9/11/2018	1057	TULSA WORLD		002370	495795- 0723	020-5405-434.70-16	300.12
				002372	492163- 0709	020-5405-434.70-04	194.34
9/11/2018	4513	CUSTOM SERVI CES		002343	381350	020-5120-437.40-07	184.75
				002422	381411	020-5120-437.40-07	1,552.37
9/11/2018	6454	WASTE MANAGEMENT QUARRY LANDFI		002377	220689410060	020-5125-436.40-30	379.48
9/11/2018	6587	INTERSTATE ALL BATTERY CENTER		PI 3170	19257020195	020-0000-141.00-00	82.80
9/11/2018	8523	STRATEGI C GOVERNMENT RESOURCES		002363	2018100179	020-5401-434.30-87	3,651.52
				002364	2018100223	020-5401-434.30-87	3,280.00

FUND	020 BAMA	DATE DUE	VENDOR NO	VENDOR NAME	VOUCHER NO	I NVOI CE NO	ACCOUNT NO	AMOUNT
					002365	2018100241	020-5401-434.30-87	3,856.52
					002366	2018100297	020-5401-434.30-87	3,754.02
					002439	2018100326	020-5401-434.30-87	2,788.00
9/11/2018	8749			YRC	002378	7414488505	020-5410-435.40-32	1,007.20
9/11/2018	9161			EVOQUA WATER TECHNOLOGIES LLC	002345	903658610	020-5410-435.30-34	234.06
9/11/2018	10214			TULSA'S GREEN COUNTRY STAFFING	002374	64661	020-5125-436.50-37	8,110.05
					002413	64826	020-5125-436.50-37	6,682.65
9/11/2018	10407			ALLIANCE MAINTENANCE INC	002417	107012	020-1700-419.40-28	1,415.00
9/11/2018	10500			J & J BOWERS LAWN CARE LLC	002351	82718	020-5305-438.40-28	2,620.00
					002430	90418	020-5305-438.40-28	2,700.00
9/11/2018	10591			HERC RENTALS INC	002386	30217942001	020-5305-438.40-32	254.95
9/11/2018	10703			ACDC INDUSTRIAL AUTOMATION	002415	F180213	020-5405-434.40-29	1,071.38
							9/11/2018 TOTAL -	46,893.21
							CUMULATIVE TOTAL -	342,905.00
9/12/2018	159			DK MACHINE INC	002465	10748	020-5406-434.40-28	324.00
9/12/2018	257			SAFETY KLEEN CORP	002518	77672997	020-5120-437.40-33	412.61
9/12/2018	307			OTA PIKEPASS CENTER	002501	20180800114	020-5120-437.50-03	10.85
					002502	20180800114	020-5125-436.50-03	32.20
					002503	20180800114	020-5200-419.50-03	27.40
					002504	20180800114	020-5205-419.50-03	1.05
					002505	20180800114	020-5210-419.50-03	13.10
					002506	20180800114	020-5305-438.50-03	4.20
					002507	20180800114	020-5400-434.50-03	18.40
					002508	20180800114	020-5405-434.50-03	2.05
					002509	20180800114	020-5406-434.50-03	4.70
					002511	20180800114	020-5410-435.50-03	265.95
					002512	20180800114	020-5415-435.50-03	9.80
9/12/2018	808			BAUMAN INSTRUMENT CORP	002460	27878	020-5405-434.40-29	400.00
9/12/2018	3964			THE ARROW GROUP	002522	74102	020-1700-419.50-76	126.00
					002524	74103	020-1700-419.50-76	1,954.00
9/12/2018	8019			HDR, INC	002474	1200138683	020-5405-434.30-87	1,110.60
9/12/2018	8165			ONLINE INFORMATION SERVICES	002491	881031	020-0503-415.50-28	866.70
9/12/2018	8260			DATAPROSE INC	002463	DP1802618	020-0503-415.50-28	9,336.51
					002464	DP1802618	020-0503-415.50-39	15,580.83
9/12/2018	9056			GERALD M. BROTHER	002471	FINAL SEPT 2018	020-0000-235.01-01	61,250.00
					002472	FINAL SEPT 2018	020-1700-419.84-01	459.38
9/12/2018	9916			WASTE ZERO INC	002553	32445	020-5125-436.60-25	36,028.72
9/12/2018	10081			MECHANICAL AIR SYSTEMS INC	002486	3449	020-5405-434.40-55	770.22
9/12/2018	10214			TULSA'S GREEN COUNTRY STAFFING	002547	64995	020-5125-436.50-37	7,534.80
9/12/2018	10310			MARMIC FIRE & SAFETY CO INC	002577	5156178	020-5415-435.40-07	4.50
					002578	5156179	020-5415-435.40-07	4.50
					002579	5156180	020-5415-435.40-07	4.50
					002580	5156186	020-5415-435.40-07	9.00
					002581	5156187	020-5415-435.40-07	9.00
					002582	5156188	020-5415-435.40-07	4.50
					002583	5156176	020-5415-435.40-07	9.00
					002584	5156177	020-5415-435.40-07	4.50
					002585	5156249	020-5415-435.40-07	4.50
					002586	5156181	020-5415-435.40-07	4.50
					002587	5156182	020-5415-435.40-07	4.50

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FUND	020 BAMA						
DATE	VENDOR	VENDOR	VOUCHER	I NVOI CE	ACCOUNT		AMOUNT
DUE	NO	NAME	NO	NO	NO		
			002588	5156183	020-5415-435.40-07		4.50
			002589	5156185	020-5415-435.40-07		9.00
			002591	5156202	020-5100-437.40-07		78.00
			002593	5156208	020-1700-419.40-07		167.00
			002594	5156257	020-5410-435.40-07		13.50
			002595	5156256	020-5410-435.40-07		9.00
			002596	5156255	020-5410-435.40-07		9.00
			002597	5156254	020-5410-435.40-07		4.50
			002598	5156253	020-5410-435.40-07		18.00
			002599	5156264	020-5410-435.40-07		4.50
			002600	5156263	020-5410-435.40-07		18.00
			002601	5156260	020-5410-435.40-07		13.50
			002602	5156259	020-5410-435.40-07		9.00
			002603	5156258	020-5410-435.40-07		13.50
			002604	5156268	020-5405-434.40-07		58.50
			002605	5156267	020-5405-434.40-07		4.50
			002606	5156266	020-5405-434.40-07		18.00
			002607	5156265	020-5405-434.40-07		9.00
			002608	5156201	020-5120-437.40-07		115.50
			002609	5156234	020-5120-437.40-07		9.00
			002610	5156200	020-5120-437.40-07		9.00
			002611	5156239	020-1700-419.40-07		13.50
			002617	5156248	020-1700-419.40-07		195.00
9/12/2018	10360	JAVA DAVES EXECUTIVE COFFEE SE	002630	5156151	020-5405-434.40-07		195.00
			002482	160000	020-5305-438.60-23		15.64
9/12/2018	11390	INK'S SHAVED ICE	002483	159988	020-5205-419.60-23		51.58
			002479	08/30/18	020-1700-419.50-89		38.25
					9/12/2018 TOTAL -		137,710.54
					CUMULATIVE TOTAL -		480,615.54
9/13/2018	9151	CLEAN THE UNIFORM CO OKLAHOMA	002676	50026870	020-5410-435.40-31		18.31
			002684	50027262	020-5200-419.40-31		13.04
			002685	50027263	020-5400-434.40-31		143.49
			002686	50027263	020-5415-435.40-31		73.19
			002687	50027263	020-5406-434.40-31		42.89
			002688	50027263	020-5115-437.40-31		38.62
			002691	50027263	020-5130-437.40-31		8.87
			002692	50027263	020-5120-437.40-31		105.52
			002693	50027263	020-5125-436.40-31		182.87
			002694	50027263	020-5120-437.40-33		25.00
			002695	50027263	020-5100-437.40-33		19.00
			002697	50026868	020-5405-434.40-31		87.81
			002698	50027856	020-5405-434.40-31		79.01
			002706	50027857	020-5410-435.40-31		22.66
			002708	50027850	020-5305-438.40-31		133.11
			002710	50027850	020-5305-438.40-33		2.60
			002717	50028825	020-5400-434.40-31		143.49
			002718	50028825	020-5415-435.40-31		73.19
			002719	50028825	020-5406-434.40-31		42.89
			002720	50028825	020-5115-437.40-31		38.62
			002722	50028825	020-5130-437.40-31		8.87

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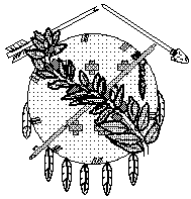
FUND	020 BAMA						
DATE	VENDOR	VENDOR	VOUCHER	I NVOI CE	ACCOUNT		AMOUNT
DUE	NO	NAME	NO	NO	NO		
			002723	50028825	020-5120-437.40-31		103.43
			002724	50028825	020-5125-436.40-31		184.58
			002725	50028825	020-5120-437.40-33		29.00
			002726	50028824	020-5200-419.40-31		13.04
			002727	50028824	020-5100-437.40-33		4.00
			002734	50029133	020-5405-434.40-31		87.81
					9/13/2018 TOTAL -		1,724.91
					CUMULATIVE TOTAL -		482,340.45
9/18/2018	113	WAGONER COUNTY RURAL WATER #4	001013	367100	020-5415-435.50-23		13.43
9/18/2018	229	AT&T	001281	10534843224	020-1700-419.50-22		16.28
9/18/2018	309	OKLAHOMA NATURAL GAS CO	002741	178921936	020-1700-419.50-24		52.89
			002743	178922373	020-1700-419.50-24		50.32
			002748	219682564	020-5100-437.50-24		111.15
			002750	253746873	020-5415-435.50-24		41.98
			002751	183825191	020-5415-435.50-24		49.23
			002752	253746364	020-5415-435.50-24		37.54
			002753	253746509	020-5415-435.50-24		41.53
			002754	254063282	020-5415-435.50-24		158.68
			002755	254063282	020-5415-435.50-24		.74
			002756	111532618	020-5415-435.50-24		28.84
			002757	114920245	020-5415-435.50-24		27.23
9/18/2018	442	AMERICAN ELECTRIC POWER	000326	9572394130	020-5415-435.50-25		89.11
			000931	9515241030	020-5415-435.50-25		1,059.73
			000975	9553112580	020-5415-435.50-25		4,806.28
			001202	9552921030	020-5415-435.50-25		44.66
			001900	9591574610	020-5415-435.50-25		53.68
			004697	9597631030	020-5415-435.50-25		74.43
			005276	9504700320	020-5415-435.50-25		45.04
			005277	9520493673	020-5415-435.50-25		102.09
			005278	9528706400	020-5415-435.50-25		48.91
			005280	9544731030	020-5415-435.50-25		60.43
			005282	9563338071	020-5415-435.50-25		131.11
			005283	9565957711	020-5415-435.50-25		51.54
			005284	9566631030	020-5415-435.50-25		48.78
			005285	9567901211	020-5415-435.50-25		1,504.31
			005286	9571918810	020-5415-435.50-25		301.16
			005290	9595686240	020-5415-435.50-25		2,799.40
			005291	9598068762	020-5415-435.50-25		85.24
			005294	9523741030	020-5415-435.50-25		209.06
			005295	9528041030	020-5415-435.50-25		55.48
			005296	9540041030	020-5415-435.50-25		78.08
			005303	9581731030	020-5415-435.50-25		111.42
			005304	9588531030	020-5415-435.50-25		98.07
			005305	9591431030	020-5415-435.50-25		74.96
			005306	9593621030	020-5415-435.50-25		45.28
			005935	9540921930	020-5415-435.50-25		49.67
			005936	9563531030	020-5415-435.50-25		49.37
			006140	9506407251	020-5415-435.50-25		89.40
			008726	9524580750	020-5415-435.50-25		228.99
			009136	9511708090	020-5100-437.50-25		39.24

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FUND 020 BAMA	DATE DUE	VENDOR NO	VENDOR NAME	VOUCHER NO	I NVOI CE NO	ACCOUNT NO	AMOUNT
				009137	9514846980	020-5120-437.50-25	38.48
				009138	9515293420	020-5100-437.50-25	1,793.53
				009139	9527441030	020-5120-437.50-25	1,353.29
				009140	9589441030	020-5100-437.50-25	1,185.72
				009141	9526531031	020-5410-435.50-25	4,414.38
				009142	9574890770	020-5410-435.50-25	13,884.94
9/18/2018	1307		CITY OF TULSA UTI LI TIES	001104	108753518	020-5125-436.40-30	551.14
				001107	106727183	020-5405-434.40-93	71,275.59
				001108	108291766	020-5405-434.40-93	1,415.27
9/18/2018	6347		COX COMMUNI CATI ONS	002712	066381301	020-5100-437.50-22	572.10
				002713	068280701	020-5410-435.50-23	189.94
9/18/2018	7724		WINDSTREAM	007885	0351000542	020-5205-419.50-22	2.28
				008976	2598272	020-5100-437.50-22	275.98
				008978	0351000560	020-5405-434.50-22	275.34
				008979	2513145	020-5405-434.50-22	37.08
				008980	4554762	020-5410-435.50-22	193.88
				008981	2501858	020-5410-435.50-22	42.13
				008982	3558751	020-5415-435.50-22	38.16
				008983	3554226	020-5415-435.50-22	38.16
				008984	3572456	020-5415-435.50-22	38.16
				008985	3572503	020-5415-435.50-22	38.16
9/18/2018	10381		CROSSLAND CONSTRUCTI ON COMPANY	002914	OCT 2018	020-0000-234.04-00	53,165.83
				002915	OCT 2018	020-1700-419.80-02	622.08
						9/18/2018 TOTAL -	164,506.38
						FUND 020 TOTAL -	646,846.83



City of Broken Arrow

Request for Action

File #: 18-1087, Version: 1

**Broken Arrow Municipal Authority
Meeting of: 09-18-2018**

Title:

Consideration, discussion, and possible approval to reschedule the November 6, 2018, Broken Arrow Municipal Authority meeting to Monday, November 5, 2018, due to Authority members attending the National League of Cities Annual Conference in Los Angeles, CA

Background:

The National League of Cities (NLC) will hold its 2018 Annual Conference from November 7 - 10, 2018, in Los Angeles, California. The NLC Annual Conference is the largest gathering of local elected officials and staff in the country. The Conference creates opportunity for discussions and seminars covering a variety of topics from economic development to public safety, and infrastructure development to sustainable local economies and technology.

Due to Authority members attending the NLC 2018 Conference, there will not be a quorum present at the November 6, 2018, Municipal Authority meeting. Mayor Craig Thurmond requests that the November 6th meeting be cancelled and rescheduled to November 5, 2018, immediately following the City Council Meeting which begins at 6:30 p.m.

Cost: \$0

Funding Source: N/A

Requested By: Curtis Green, City Clerk

Approved By: Michael L. Spurgeon, City Manager

Attachments: None

Recommendation:

Approve to reschedule the November 6, 2018, Broken Arrow Municipal Authority meeting to Monday, November 5, 2018