

Meeting Agenda Broken Arrow Municipal Authority

Chairperson Craig Thurmond Vice Chair Scott Eudey Trustee Johnnie Parks Trustee Debra Wimpee Trustee Christi Gillespie

Tuesday, October 15, 2019

Council Chambers 220 South 1st Street Broken Arrow, OK

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

- 1. Call to Order
- 2. Roll Call
- 3. Consideration of Consent Agenda

A.	<u>19-44</u>	Approval of the Broken Arrow Municipal Authority Meeting Minutes of October 1, 2019
B.	<u>19-1271</u>	Acknowledgement of submittal of the Broken Arrow Municipal Authority's Wastewater Discharge Monitoring Report for the month of August 2019
C.	<u>19-1264</u>	Acknowledgement of submittal of the Broken Arrow Municipal Authority's Water Supply Report for the month of August 2019
D.	<u>19-1282</u>	Approve and authorize execution Amendment No. 2 to the Agreement for Professional Engineering Services for Haikey Creek Operation & Maintenance Capital Equipment Replacements RMUA Project No. WPC 18-2 with Holloway, Updike and Bellen, Inc.
Е.	<u>19-1246</u>	Award the most advantageous bid to GNC Concrete Products, Inc. for reinforced concrete culvert boxes to GNC Concrete Products, Inc. for the Streets and Stormwater Department
F.	<u>19-1267</u>	Award the most advantageous bid to Summit Truck Group for the purchase of one (1) dump truck with a dump body, tow hooks and accessories for the Water Division
G.	<u>18-1466</u>	Ratification of the Claims list dated 10/11/2019

- 4. Consideration of Items Removed from Consent Agenda
- 5. Public Hearings, Appeals, Presentations, Recognitions, Awards NONE

- 6. General Authority Business NONE
- 7. Remarks and Updates by City Manager and Staff
- 8. Executive Session NONE
- 9. 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				



Request for Action

File #: 19-44, Version: 1



City Hall 220 S 1st Street Broken Arrow OK 74012

Minutes Broken Arrow Municipal Authority

Chairperson Craig Thurmond Vice Chair Scott Eudey Trustee Johnnie Parks Trustee Debra Wimpee Trustee Christi Gillespie

Tuesday, October 1, 2019

Council Chambers

1. Call to Order

Chairperson Craig Thurmond called the meeting to order at approximately 7:40 p.m.

2. Roll Call

Present: 5 - Christi Gillespie, Debra Wimpee, Johnnie Parks, Scott Eudey, Craig Thurmond

3. Consideration of Consent Agenda

- A. 19-43 Approval of the Broken Arrow Municipal Authority Meeting Minutes of September 17, 2019
- B. 19-1213 Acknowledgement of submittal of the Broken Arrow Municipal Authority's Wastewater Discharge Monitoring Report for the month of July 2019
- C. 19-1036 Approval of and authorization to execute a Professional Consultant Agreement with Tetra Tech, Inc. for Old Adams Creek Lift Station Rehabilitation
- D. 19-1192 Approval of and authorization to purchase one (1) 1-ton cargo van from Bob Howard Chrysler Jeep Dodge, pursuant to the Oklahoma Statewide Vehicle contract, for the Fleet Maintenance Division
- E. 19-1212 Approval of and authorization to purchase one (1) ½ ton crew cab 4WD pickup truck from Vance Chevrolet, pursuant to the Oklahoma Statewide Vehicle Contract, for the Utilities Department
- F. 19-1069 Award the most advantageous bid to Dickson Equipment Company for the purchase of three refuse packer bodies for the Sanitation Division of the General Services Department
- G. 19-1068 Award the most advantageous bid to Premier Truck Group for the purchase of three refuse truck cab and chassis for the Sanitation Division of the General Services Department
- H. 19-1227 Approval of and authorization to execute Change Order #1 with Belt Construction, Inc. for construction contract S.1609; County Line Trunk Sewer Phase 1
- I. 19-1228 Approval of and authorization to execute Change Order #3 with Walters Morgan Construction, Inc. for Construction Contract 175436; Verdigris River Water Treatment Plant Pretreatment Basin Expansion
- J. 18-1463 Ratification of the Claims list dated 09/27/2019

Chairperson Thurmond noted Item F and Item G were to be removed for discussion. He asked if there were any other items to be removed from the Consent Agenda. There were none.

MOTION: A motion was made by Johnnie Parks, seconded by Debra Wimpee. **Move to approve the Consent Agenda with the exception of Item F and Item G** The motion carried by the following vote:

Aye: 5 - Christi Gillespie, Debra Wimpee, Johnnie Parks, Scott Eudey, Craig Thurmond

4. Consideration of Items Removed from Consent Agenda

General Services Director Lee Zirk discussed Item F and Item G which were requests to purchase three new sanitation trucks; one was to purchase three new packer bodies and the other to purchase three new cab and chassis (frames) which were identical to the current sanitation truck models. He stated the trucks would replace high mileage units which in turn would become backup units. He noted it was critical to order these now as it would take approximately six to nine months for the trucks to be manufactured and delivered before peak collection time. He stated there was an option (Option 1) for the packer body which allowed the City to add tippers. He noted the trucks could be used without tippers for now and tippers could be added in the future; however, waiting and adding tippers in the future would require the trucks to be taken out of service for a time for tipper installation.

Trustee Parks asked what the difference would be between tipper installation costs now versus later. Mr. Zirk responded he was unsure; he would have to get price quotes about future installation. He explained if the tippers were installed now the installation would be completed as part of truck manufacture and there would be a cost savings. He explained truck body alteration would be required in order to install the tippers in the future.

Trustee Gillespie asked if the tippers could be used with the current system. Mr. Zirk explained the pilot areas utilized carts and the tipper trucks could be used in these areas and would provide flexibility in servicing pilot routes. Discussion ensued regarding the pilot areas continuing to use carts and the possibility of the City not choosing to use carts at all.

Trustee Parks stated he felt it was presumptuous to install tippers before a decision was made regarding cart use and recycling. Trustee Gillespie agreed.

Mr. Zirk noted the purchase of the sanitation trucks could be approved with Options 2 through 10 and the tipper installation option (Option 1) could be omitted.

MOTION: A motion was made by Scott Eudey, seconded by Debra Wimpee.

Move to award the most advantageous bid to Dickson Equipment Company for the purchase of three refuse packer bodies absent Option No. 1

The motion carried by the following vote:

Aye: 5 - Christi Gillespie, Debra Wimpee, Johnnie Parks, Scott Eudey, Craig Thurmond

MOTION: A motion was made by Scott Eudey, seconded by Debra Wimpee.

Move to award the most advantageous bid to Premier Truck Group for the purchase of three refuse truck cab and chassis for the Sanitation Division of the General Services Department

The motion carried by the following vote:

Aye: 5 - Christi Gillespie, Debra Wimpee, Johnnie Parks, Scott Eudey, Craig Thurmond

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

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

6. General Authority Business

There was no General Authority Business.

7. Remarks and Updates by City Manager and Staff

There were no Remarks and Updates by City Manager and Staff

8. Executive Session

. Adjourn	ment	The meeting adjourned at approximately 7:47 p.m.
Aye:	5 -	MOTION: A motion was made by Debra Wimpee, seconded by Scott Eudey. Move to adjourn The motion carried by the following vote: Christi Gillespie, Debra Wimpee, Johnnie Parks, Scott Eudey, Craig Thurmond
 Chairma	an	Secretary

There was no Executive Session.



Request for Action

File #: 19-1271, Version: 1

Broken Arrow Municipal Authority Meeting of: 10-15-2019

Title:

Acknowledgement of submittal of the Broken Arrow Municipal Authority's Wastewater Discharge Monitoring Report for the month of August 2019

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 August 2019 Oklahoma Department of Environmental Quality (ODEQ) Discharge Monitoring Report (DMR) submitted to ODEQ on September 16, 2019.

Over the course of the month of August 2019, the total wastewater collected, treated and discharged is 157.450 million gallons (MG). The average flow was 3.232 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: Charles Vokes, Utilities Director

Approved By: City Manager's Office

Attachments: August Discharge Monitoring Report

August Monthly Operational Report

Recommendation:

Acknowledge submittal of the August 2019 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

PERMIT NUMBER: OK0040053

MAILING

NESESES11T17NR14EIM

MONITORING POINT:

Period:

COUNTY:

Tulsa

ADDRESS: FACILITY: Broken Arrow, OK 74013 Broken Arrow WWT

FACILITY: Broken Arrow W LOCATION: NESESES11T171

NESESES11T17NR14EIM Broken Arrow, OK 74013 Monitoring 2019-08-01To: 2019-08-31

001A

NO DISCHARGE FROM SITE:

()

Parameter		Quantity or	Loading	Units		r Concentration	THE PARTY OF THE PARTY.	Units	No.	Frequency of	Sample	
		Average	Maximum	1777	Minimum	Average	Maximum		Ex.	Analysis	Type	
BOD, 5-DAY (20 DEG. C)	Sample Measurement	152.33	****	26	****	6.05	7.60	19	0	Five Per Week	COMP12	
PARAM CODE: 00310 Stage Code: 1 Effluent Gross	Permit Requirement	2001.6 Monthly Average	*****	lbs/day	*****	30 Monthly Average	45 Weekly Average	mg/l		Five Per Week	COMP12	
PH	Sample Measurement	****	****		7.3	****	7.6	12	0	Daily	GRAB	
PARAM CODE: 00400 Stage Code: 1 Effluent Gross	Permit Requirement	*****	*****		6.5 Minimum	****	9.0 Maximum	S.U.		Daily	GRAB	
SOLIDS, TOTAL SUSPENDED	Sample Measurement	57.98	****	26	****	2.29	2.80	19	0	Five Per Week	COMP12	
PARAM CODE: 00530 Stage Code: 1 Effluent Gross	Permit Requirement	2001.6 Monthly Average	****	lbs/day	*****	30 Monthly Average	45 Weekly Average	mg/l		Five Per Week	COMP12	
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	Sample Measurement	3.232	4.609	03	****	****	****		0	Daily	TOTALZ	
PARAM CODE: 50050 Stage Code: 1 Effluent Gross	Permit Requirement	Report Monthly Average	Report Maximum Daily	MGD	****	*****	****			Daily	TOTALZ	
CHLORINE, TOTAL RESIDUAL	Sample Measurement	****	****		****	****	< 0.05	19	0	Daily	GRAB	
PARAM CODE: 50060 Stage Code: A Disinfection, Process Complete	Permit Requirement	****	****		****	*****	0.099 Instantaneous Maximum	mg/l		Daily	GRAB	
E.COLI	Sample Measurement	****	****		****	1.3	4.0	30	0	Twice Every Week	GRAB	
PARAM CODE: 51040 Stage Code: 1 Effluent Gross	Permit Requirement	*****	*****		*****	126 Geometric Mean	406 Maximum Daily	MPN/100mL		Twice Every Week	GRAB	
SOLIDS, TOTAL DISSOLVED- 180 DEG.C	Sample Measurement	9061	****	26	****	385	385	19	0	Monthly	COMP12	
PARAM CODE: 70300 Stage Code: 1 Effluent Gross	Permit Requirement	77929 Monthly Average	*****	lbs/day	****	1168 Monthly Average	1168 Maximum Daily	mg/l		Monthly	COMP12	
Name/Title of Principal Executiv Officer Or Authorized Agent	BASED ON MY IN INFORMATION, TO	PENALTY OF LAW THAT THIS DOC! ITH A SYSTEM DESIGNED TO ASSUR QUIRY OF THE PERSON OR PERSON! HE INFORMATION SUBMITTED IS, TO	E THAT QUALIFIED PERSONNEL WHO MANAGE THE SYSTEM, THE BEST OF MY KNOWLEDGE	L PROPERLY O OR THOSE PER E AND BELIEF,	ATHER AND EVALUATE SONS DIRECTLY RESPO TRUE, ACCURATE, AND	THE INFORMATION SUBMITT. INSIBLE FOR GATHERING THE COMPLETE, I AM AWARE TH	Officer	of Principal E: Or Authorized			one No	
WRRF Mgr.	THERE ARE SIGNI VIOLATIONS.	FICANT PENALTIES FOR SUBMITTIN	G FALSE INFORMATION, INCLU	DING THE POS	SIBILITY OF FINE AND I	MPRISONMENT FOR KNOWING	9	David Handy		918-4	55-4762	

National Pollutant Discharge Elimination System (NPDES)

Oklahoma Department of Environmental Quality Discharge Monitoring Report (DMR)

PERMITTEE NAME: Broken Arrow, City of

PERMIT NUMBER: OK0040053

MAILING NESESES11T17NR14EIM ADDRESS:

Broken Arrow, OK 74013

MONITORING 001A POINT:

COUNTY:

Tulsa

FACILITY:

LOCATION:

Broken Arrow WWT

NESESES11T17NR14EIM Broken Arrow, OK 74013

Monitoring Period:

2019-08-01To: 2019-08-31

NO DISCHARGE FROM SITE:

()

Parameter		Quantity or	Loading	Units	Quality o	r Concentration		Units	No.	Frequency of	Sample
		Average	Maximum		Minimum	Average	Maximum		Ex.	Analysis	Type
MERCURY, TOTAL (AS HG)	Sample Measurement	0.0012	****	26	****	< 0.05	< 0.05	28	0	Monthly	COMP12
PARAM CODE: 71900 Stage Code: 1 Effluent Gross	Permit Requirement	0.0635 Monthly Average	****	lbs/day	****	0.952 Monthly Average	1.9 Maximum Daily	ug/1		Monthly	COMP12
Name/Title of Principal Executive Officer Or Authorized Agent	ACCORDANCE WITH BASED ON MY INCL	ENALTY OF LAW THAT THIS DOCUM IN A SYSTEM DESIGNED TO ASSURE T JURY OF THE PERSON OR PERSONS W	HAT QUALIFIED PERSONNEL WO MANAGE THE SYSTEM, O	PROPERLY GAT OR THOSE PERSO	HER AND EVALUATE TO NS DIRECTLY RESPONS	HE INFORMATION SUBMITTED. SIBLE FOR GATHERING THE	Signature of I Officer Or			(1.0) 1.00 (1.0)	hone No
WRRF Mgr. Deportmention is demitted is, to the best of my knowledge and belief, true, accurate, and complete 1 am aware that there are skenificant penalties for submitting false diformation, including the possibility of fine and imprisonment for knowing David Handy 918-455-476 (violations.											55-4762

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

Page 2



MONTHLY OPERATIONAL REPORT

City of Broken Arrow Lynn Lane Water Reclamation Facility
August-19

		WEATHER	т—	INFLUENT OXIDATION DITCH							SLUDGE				_							FINAL E	CULICAT							STREAM SURVEILLANCE																	
	+	74,745,600,746,047,745,447					T LOLI					-										+-		_		_					r:		·														
Date Da	y °F	Rain Cloud			AS	°C pl	н А	lk. Se		TSS	BOD	D.O.					SI. Age	WAS		LANDFILL	LANDFILL		D.O.	TDS	TDS	рН	Alk.	TSS	TSS	BOD	BOD	Hg	Hg	E.Coli	CI2	Flow	°C	°C	D.O.		рН	рН				Fec. Coli. Hr	rdss.
		Condition	ns (MGD) (MC	GD)	7.00	300	So	olids	(mg/L)	(mg/L)	(mg/L) Sett	. (ml/g	m) (n	mg/L)	(Days)	(MGD)	(%)	(Tons)	(D.M. Tons)	(mg/L)	(mg/L)	(lbs)	Passa	5,356.65	(mg/L)	(lbs)	(mg/L)	(lbs)		(lbs.)		Res	(MGD)	Upstr.	Dnstr.	Upstr.	Dnstr.	Upstr.	Dnstr.	Upstr.	Dnstr.	Upstr.	Dnstr.	
1 Th	ır 92	0.01 cloud	4.564	3.1	62	24 7.	4 3	49 1	15	214	193	0.1	280	94	2,	2,970	12	0.204	18	19.61	3.42	24	6.9			7.5	192	2.00	47.74	4.00	95.48				0.05	2.862											
2 F	81	0.31 cloud	4.486	3.0	74	24 7.	5 3	58 1	18	262	288	0.1	250	137	7 1,	,820	6	0.201	18	35.08	6.13	24	6.8			7.5	198								0.05	2.824											
3 Sa	t 86	0.01 cloud	4.528	2.9	112	23 7.	3 2	76 1	16			0.2	280					0.198				24	6.8			7.5	185								0.05	2.873											\neg
4 Su	n 92	0.00 cloud	4.513	2.8	66	23 7.	3 2	70 1	17			0.1	260	N.				0.206				24	6.7	385	9,061	7.4	169	2.00	47.07	5.00	117.68	0.00005	0.0012		0.05	2.822											\neg
5 Mc	n 95	0.00 cloud	4.595	2.7	73	24 7.	4 3	27 1	16	182	256	0.1	270	136	3 1,	,989	10	0.202	17			23	6.9			7.5	171	2.00	48.14	7.00	168.48			1.0	0.05	2.886											\neg
6 Tu	98	0.00 p. clou	y 4.693	2.7	53	24 7.	4 3	12 1	12	324	248	0.1	250	82	3,	,065	8	0.224	17	33.65	5.55	24	6.7			7.5	198	2.00	49.02	6.00	147.07			1.0	0.05	2.939	1										
7 We	d 100	0.00 clear	4.459	3.1	36	24 7.	2 2	58 2	20	266	299	0.1	300	107	7 2,	2,800	9	0.196				24	6.7			7.5	188	2.00	46.82	12.00	280.92				0.05	2.807											
8 Th	ır 82	0.01 p. clou	y 4.390	2.8	43	23 7.	3 29	99 1	10	182	226	0.1	350	149	2,	2,350	12	0.205	17	18.66	3.08	24	6.7			7.5	191	2.00	46.27	8.00	185.08				0.05	2.774											\neg
9 Fr	83	1.35 cloud	4.517	3.3	18	24 7.	4 30	05 1	14	272	211	0.2	350	120) 2,	,915	9	0.203	17	40.09	6.61	24	6.5			7.5	195								0.05	2.851											\neg
10 Sa	t 97	0.06 cloud	5.718	3.2	04	23 7.	4 2	57 1	12			0.1	350					0.197				24	6.8			7.4	164								0.05	3.553	1										
11 Su	n 98	0.00 clear	5.060	3.1	87	24 7.	3 26	36 1	10			0.1	360					0.200				25	6.6			7.5	165	3.00	79.19	7.00	184.77				0.05	3.165											
12 Mo	n 98	0.00 clear	4.895	3.1	80	24 7.	3 3	12 1	12	212	243	0.1	320	97	3,	,285	13	0.212	16	24.28	3.77	24	6.8			7.5	172	2.00	51.12	6.00	153.37			2.0	0.05	3.065	T										
13 Tu	88	0.04 cloud	4.802	3.2	16	24 7.	3 2	71 1	15	196	261	0.1	300	85	3,	,545	15	0.196	16	17.19	2.67	25	6.6			7.5	196	2.00	50.39	5.00	125.98			1.0	0.05	3.021											\neg
14 We	d 94	0.00 cloud	4.517	3.0	60	24 7.	4 34	11 1	17	210	240	0.1	310	105	5 2,	,960	12	0.218	15	40.11	5.84	24	6.9			7.5	186	2.00	47.27	7.00	165.45				0.05	2.834	1										
15 Th	ır 96	0.00 p. clou	y 4.585	3.0	07	24 7.	4 29	92 1	19	206	250	0.2	330	113	3 2,	,930	12	0.160	15	20.74	3.02	26	6.9			7.6	190								0.05	2.880						1					\neg
16 Fr	96	0.00 p. clou	y 4.533	2.7	76	23 7.	3 29	98 1	19	220	253	0.1	310	100	3,	,115	12	0.228	17	24.38	4.02	24	6.5			7.4	190								0.05	4.533	1										\neg
17 Sa	t 97	0.00 clear	4.419	2.7	36	23 7.	2 26	30 1	19			0.1	300					0.191				26	6.7			7.4	165	3.00	68.40	5.00	114.01				0.05	2.734											
18 Su	n 92	0.03 clear	4.383	2.7	92	23 7.	2 25	58 1	18			0.1	280					0.179				25	6.6			7.4	156	2.00	46.62	6.00	139.86				0.05	2.795											\neg
19 Mo	n 101	0.00 clear	4.744	2.7	04	24 7.	4 30	05 1	16	204	245	0.1	250	75	3,	,340	14	0.536	16	16.77	2.60	24	6.7			7.6	165	2.00	48.87	5.00	122.18			1.0	0.05	2.930											
20 Tu	101	0.00 clear	4.591	3.0	43	24 7.	3 28	30 1	18	246	245	0.1	250	124	1 2,	,010	7	0.262	16	42.88	6.66	25	6.8			7.4	182	4.00	95.91	6.00	143.87			1.0	0.05	2.875											
21 We	d 98	0.35 clear	4.616	2.9	45	24 7.	3 29	97 1	19	256	299	0.2	290	124	2,	,330	8	0.212	17	22.86	3.77	25	6.7			7.4	188	4.00	96.94	7.00	169.65				0.05	2.906											
22 Th	r 84	1.38 cloud	4.589	3.3	55	24 7.	4 32	21 8	8	130	215	0.2	260	87	3,	,005	20	0.231	16	20.77	3.22	24	6.9			7.5	203	2.00	48.32	8.00	193.29				0.05	2.897											
23 Fr	80	2.72 cloud	6.278	3.0	40	24 7.	0 14	10 1	14	644	285	0.2	170	64	2,	,640	3	0.220	16	40.90	6.35	24	6.6			7.3	162					7			0.05	3.923											\neg
24 Sa	89	0.00 cloud	7.438	4.7	75	24 7.	3 24	16 8	8			0.9	210					0.217				24	7.0			7.4	125								0.05	4.609	PA	RTIAL V	VEEKLY	AVG.NO	.'s						\neg
25 Su	n 87	0.64 cloud	5.774	4.8	76	23 7.	3 26	64 8	8			1.0	230				7	0.226				24	6.9			7.3	155	2.00	60.20	6.00	180.59				0.05	3.609	Date	Wee	ek No.	TSS	BOD						
26 Mo	n 95	0.02 clear	6.486	4.9	29	24 7.	3 26	88 1	0	244	191	0.2	210	65	3,	,215	8	0.229	17	20.37	3.36	24	6.8			7.4	151	2.00	66.74	6.00	200.21			4.0	0.05	4.001											\neg
27 Tu	9	cloud	6.416	4.9	42	24 7.	1 17	74 1	0	186	201	0.2	200	44	4,	,589	15	0.215	17	21.18	3.49	24	6.5			7.4	169	2.00	66.77	3.00	100.16			1.0	0.05	4.003											\neg
28 We	d 89	0.00 p. cloud	y 4.968	4.9	26	23 7.	3 25	52 9	9	292	170	0.1	190	82	2,	,319	6	0.229	19	15.87	2.93	23	7.3			7.4	142	2.00	52.01	5.00	130.02				0.05	3.118											\neg
29 Th	r 91	0.00 p. cloud	y 5.107	4.9	39	24 7.	5 31	2 1	5	84	134	0.1	190	59	3,	,194	30	0.223	19	36.42	6.71	25	6.8			7.5	163	2.00	53.84	3.00	80.76				0.05	3.228											
30 Fr	79	0.85 cloud	5.690	3.7	37	24 7.	1 16	8 1	9	306	179	0.2	180	41	4,	,407	10	0.221				24	6.6			7.4	174								0.05	3.552											\neg
31 Sa	82	0.01 cloud	7.096	3.7	63	23 7.	3 26	32	7			0.8	210					0.227				23	7.2			7.5	156								0.05	4.314											\neg
TOTAL		7.79	157.45	0																511.81	83.20	T												1.3		100.183	TSS	2.00	2.40	2.80	2.00						
MIN:	79	0.00	4.383	2.7	04	23 7.	0 14	10 7	7	84	134	0.1	150	41	1,	,820	3	0.160	15	26.00		23	6.5			7.3	125	2.00		3.00				1.0	0.05	2.734	BOD	7.60	6.00	6.40	4.60						\neg
MAX:	101	2.72	7.438	4.9	42	24 7.	5 35	8 7	77	644	299	1.0	200	149	4,	,589	30	0.536	19	42.88	6.71	26	7.3	385		7.6	203	2.80		7.60		0.05000		4.0	0.05	4.609											\neg
AVG:	91		5.079	3.4	18	24		1	4	243	233		193	95				0.222	17	26.94	4.38	Т		385	9,061			2.29	57.98	6.05	152.33	0.05000	0.0012			3.232											

REMARKS: Grab sample on 08-22-19 for Settleable Solids.

On 08-18-19 Influent totalizer was used due to Effluent totalizer being down Missed BOD/TSS sample on 09-15-19; Retake BOD/TSS on 09-17-19

Electrical Costs:	19,034.24
Labor Costs :	42,619.03
Chemicals, Lab Supplies & Services :	16,932.05
Repairs, Maint., Services & Admin. :	16,501.58
Sludge (Generation & Transportation):	14,800.01
TOTAL COSTS:	109,886.91
COST / TRTD. 1000 GAL:	1.10

I hereby certify the above to be correct to the best

Signed :

Title: LLWRRF Manager



Request for Action

File #: 19-1264, Version: 1

Broken Arrow Municipal Authority Meeting of: 10-15-2019

Title:

Acknowledgement of submittal of the Broken Arrow Municipal Authority's Water Supply Report for the month of August 2019

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.

The Average Day usage through the end of August is 13.5 MGD. Total water treated at the plant up to the end of August is 417.5 million gallons (MG). Total water purchased from Tulsa for the month of August is 11.7 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: Charles Vokes, Utilities Director

Approved By: City Manager's Office

Attachments: Total Water Usage Report-August 2019

Recommendation:

Acknowledge submittal of the August 2019 Monthly Water Usage Report.

Total Water Usage - 2019												
Day\Mon	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	7.8	8.2	7.7	8.6	9.1	11.1	14.7	15.6				
2	8.5	8.4	8.3	8.2	9.3	12.0	15.0	13.3				
3	7.7	8.8	8.2	9.2	8.6	10.5	14.3	12.3				
4	8.4	8.8	8.7	8.0	8.1	9.6	14.7	13.8				
5	9.3	8.1	8.9	8.5	9.5	10.8	14.2	15.9				
6	9.9	8.5	8.7	8.5	9.9	9.3	11.9	15.9				
7	8.3	7.8	8.5	9.3	9.2	9.1	11.6	16.4				
8	8.0	8.5	8.9	9.7	8.5	9.9	13.7	12.7				
9	8.6	8.4	8.4	9.8	8.9	10.0	13.2	12.8				
10	7.8	8.4	8.2	9.8	8.9	10.9	14.3	11.9				
11	7.3	8.2	8.6	10.1	8.6	10.4	12.8	14.3				
12	8.0	8.4	8.2	9.0	8.6	11.1	15.4	15.6				
13	8.0	8.1	8.0	8.5	10.1	11.3	15.0	14.7				
14	8.6	8.4	8.4	8.1	9.5	10.8	15.4	15.0				
15	7.2	8.3	8.6	9.3	10.4	10.4	15.3	15.8				
16	8.0	8.0	8.6	9.5	10.8	10.3	16.0	17.4				
17	8.9	8.5	8.2	9.4	11.0	10.2	16.6	17.5				
18	7.8	8.5	8.5	9.1	9.0	10.3	17.2	15.1				
19	7.2	8.1	7.5	9.7	9.5	10.2	18.3	17.0				
20	9.2	8.4	7.1	10.8	9.0	11.2	18.1	9.9				
21	7.7	8.1	7.2	10.9	11.5	12.9	17.9	13.4				
22	8.5	8.0	7.5	10.3	9.5	11.8	13.8	11.0				
23	7.7	8.4	6.4	9.6	9.1	9.9	14.7	11.8				
24	9.0	8.7	7.1	10.3	10.4	10.2	16.9	11.5				
25	7.3	8.2	8.9	10.1	9.9	10.6	16.3	11.8				
26	9.0	8.2	7.9	11.0	8.2	12.5	18.2	11.6				
27	8.1	8.0	8.1	11.4	9.7	12.7	16.3	10.7				
28	8.3	8.1	9.1	11.4	10.2	14.2	18.0	9.7				
29	8.2		7.8	9.8	8.7	14.0	15.2	10.8				
30	8.2		8.0	7.9	8.8	14.7	14.9	11.3				
31	8.1		8.4		10.6		18.2	11.0				
Mon. Total	254.6	232.5	252.6	285.8	293.1	332.9	478.1	417.5				
Plant Avg. Day	8.2	8.3	8.1	9.5	9.5	11.1	15.4	13.5				
Monthly Purchase	0.5	0.4	5.5	4.3	5.2	2.2	2.5	11.7				
Total Month	255.1	232.9	258.1	290.1	298.3	335.1	480.6	429.2				

Verdigris Finished Water (MG): 2,547.1 Plant Annual Max. Day (MGD): 18.3

11.2

15.5

13.8

9.6

Tulsa Purchase Water (MG) (1): 32.3 Plant Annual Avg. Day (MGD): 10.5

Total Finished Water (MG): 2,579.4 Plant Annual Min. Day (MGD): 6.4

Total System Annual Avg. Day (MGD): 10.6

Notes:

Total Avg. Day

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

8.3

8.3

9.7

8.2

Prepared by: Jimmy Helms Water Plant Manager 10/3/2019



Request for Action

File #: 19-1282, Version: 1

Broken Arrow Municipal Authority Meeting of: 10-15-2019

Title:

Approve and authorize execution Amendment No. 2 to the Agreement for Professional Engineering Services for Haikey Creek Operation & Maintenance Capital Equipment Replacements RMUA Project No. WPC 18-2 with Holloway, Updike and Bellen, Inc.

Background:

The Capital Equipment Replacement project is for the annual replacement of equipment at the Regional Metropolitan Utility Authority (RMUA) Haikey Creek Wastewater Treatment Plant (HCWWTP). This project is to replace capital equipment identified in the strategic asset management plan.

The design fee for this project is \$42,600.00 of which BAMA and TMUA each pay 50% (\$21,300.00). Funding for the improvements will be from the Utilities Department RMUA Operations and Maintenance (O&M) budget.

Cost: \$21,300

Funding Source: 020-5410-435.70-15 Utilities Department RMUA O&M Budget

Requested By: Charles Vokes, Director of Utilities

Approved By: City Manager's Office

Attachments: Amendment No 2 RMUA Project WPC 18-2

Recommendation:

Approve and authorize execution Amendment No. 2 to the Agreement for Professional Engineering Services for Haikey Creek Operation and Maintenance Capital Equipment Replacements RMUA Project No. WPC 18-2 with Holloway, Updike and Bellen, Inc.

AMENDMENT NO. 2

TO

THE AGREEMENT

FOR

PROFESSIONAL ENGINEERING SERVICES

FOR

HAIKEY CREEK OPERATION & MAINTENANCE CAPITAL EQUIPMENT REPLACEMENTS

RMUA PROJECT NO. WPC 18-2

THIS AMENDMENT No. 2, to the Agreement for Professional Engineering Services is made and entered into this _____ day of _____, 20_____, between the Regional Metropolitan Utility Authority, a Public Trust of the State of Oklahoma, hereinafter referred to as AUTHORITY, and Holloway, Updike, and Bellen, Inc., an incorporation organized under the law of the State of Oklahoma, hereinafter referred to as ENGINEER;

WITNESSETH:

WHEREAS, AUTHORITY and ENGINEER entered into an AGREEMENT, dated November 15, 2017, under which the ENGINEER was to provide professional services to replace certain capital equipment identified in the strategic asset management plan, hereinafter referred to as the AGREEMENT, and

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

WHEREAS, ENGINEER is prepared to provide such SERVICES:

WHEREAS, funding is available for the PROJECT under Account Number 9508900-541101;

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

- 1.0 <u>SERVICES TO BE PERFORMED BY ENGINEER</u>. ENGINEER shall perform the SERVICES, described in Attachment B-2, <u>SCOPE OF SERVICES</u>, which is attached hereto and incorporated by reference as part of this AMENDMENT NO. 2.
- 2.0 <u>COMPENSATION</u>. The AUTHORITY and the ENGINEER agree that the ENGINEER shall be compensated for these additional services on a salary multiplier basis in accordance with Attachment D-2, <u>COMPENSATION FOR ADDITIONAL SERVICES</u>, which is attached hereto and incorporated by reference as part of this AMENDMENT NO. 2.

3.0 All other terms and conditions of the Agreement of November 15, 2017, as amended, shall remain in full force and effect.

IN WITNESS WHEREOF, the parties have execute respective dates herein below reflected to	uted this AGREEMENT in multiple copies on be effective on the date executed by the
Chairman of the Regional Metropolitan Utility Auth	ority.
(SEAL) SEAL	Holloway, Updike and Bellen, Inc. (ENGINEER)
ATTEST OF CAHOMA CONTRACTOR	
2) Herounthe Tour	=
Tiffany Hillon, Assistant Secretary	Stephen Tolar, Vice President
	Date 10-4-7019
(SEAL) APPROVED:	REGIONAL METROPOLITAN UTILITY AUTHORITY
Secretary	Chairman
	Date
APPROVED AS TO FORM:	RECOMMENDED:
Attorney for Regional Metropolitan Utility Authority	City Engineer
RECOMMENDED:	
Broken Arrow Municipal Authority, Chairman	City of Broken Arrow, City Manager
ATTEST:	APPROVED AS TO FORM:
(Cool) Dupling Amous Musicipal	Assistant City Attorney
(Seal) Broken Arrow Municipal Authority Secretary	Assistant City Attorney

AMENDMENT NO. 2

TO

THE AGREEMENT

FOR

PROFESSIONAL ENGINEERING SERVICES

FOR

HAIKEY CREEK OPERATION & MAINTENANCE CAPITAL EQUIPMENT REPLACEMENTS

RMUA PROJECT NO. WPC 18-2

SCOPE OF SERVICES

ATTACHMENT B-2

- B. <u>SCOPE OF SERVICES</u>. The Scope of Services shall be amended to include the following:
 - B.1 Engineer will prepare plans and specifications for replacement of fiscal year 2020 equipment listed in Exhibit 1. All provisions identified in Scope of Services; Phase No. 1, Preliminary Design; Phase No. 2, Final Design; and Phase No. 3, General Services During Construction shall apply to development of plans and specifications and project management associated with identified fiscal year 2020 equipment.

<u>SCHEDULE</u>. ENGINEER agrees to complete all work described above within the timeframes outlined in Exhibit 2, Project Schedule.

AMENDMENT NO. 2

TO

THE AGREEMENT

FOR

PROFESSIONAL ENGINEERING SERVICES

FOR

HAIKEY CREEK OPERATION & MAINTENANCE CAPITAL EQUIPMENT REPLACEMENTS

RMUA PROJECT NO. WPC 18-2

ATTACHMENT D-2

COMPENSATION FOR ADDITIONAL SERVICES

D. **COMPENSATION.**

ENGINEER shall be paid as compensation for the professional services set forth in this Amendment No. 2 and itemized in Exhibit 3 (Fee Schedule), an amount not to exceed forty-two thousand six hundred and 00/100 Dollars (\$42,600.00).

The ENGINEER acknowledges the following summary of modifications to the Fee Schedule as stated in the original Contract and modified by Amendment No. 1 and Amendment No. 2:

Original Contract Amount	\$44,600.00
Amendment No. 1	\$40,800.00
Amendment No. 2	\$42,600.00

Total Amended Contract Amount

\$128,000.00

AFFIDAVIT OF CLAIMANT

STATE OF <u>OKLAHOMA</u>
COUNTY OF TULSA
The undersigned, of lawful age, being first duly sworn, on oath says that this contract is true and correct. Affiant further states that the work, services or materials will be completed or supplied in accordance with the contract, plans, specifications, orders or requests furnished the affiant. Affiant further states that (s)he has made no payment directly or indirectly of money or any other thing of value to any elected official, officer or employee of the City of Tulsa or any public trust of which the City is a beneficiary to obtain or procure the contract or purchase order.
By:
Name: STEPHEN TOLAR
Company: Holloway, Updike and Bellen, Inc.
Title: Vice-President
Subscribed and sworn to before me this 44 day of 20 Jo , 20 Jo .
Notary Public Notary Public
My Commission Expires: OFFICIAL SEAL TIFFANY HILTON NOTARY PUBLIC STATE OF OKLAHOMA Commission #04008955
Notary Commission Number: 0400 895 My Commission Expires 10-01-2020

INTEREST AFFIDAVIT

STATE OF OKLAHOMA	
COUNTY OF <u>TULSA</u>)	
Contractor, Engineer, Architect or provider of attached Agreement. Affiant further states that r Broken Arrow either directly or indirectly ow Provider's business or such a percentage that con	reing first duly sworn, state that I am the agent authorized by professional service ["Services Provider"] to submit the to officer or employee of the City of Tulsa and/or City of as a five percent (5%) interest or more in the Services stitutes a controlling interest. Affiant further states that the f Tulsa and/or City of Broken Arrow own an interest in the controlling interest, either direct or indirect.
	By
	Title Vice President
Subscribed and sworn to before me this 4th d	ay of October, 2019.
Notary Public No	
My Commission Expires: 100120 SEA Notary Commission Number: 04089 County & State Where Notarized: 1000	OFFICIAL SEAL TIFFANY HILTON NOTARY PUBLIC STATE OF OKLAHOMA Commission #04008955 My Commission Expires 10-01-2020

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

NON-COLLUSION AFFIDAVIT

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

STATE OF	
COUNTY OF)ss. TULSA
I, Stepher (Authorize	n Tolar, of lawful age, being first duly sworn, state that: d Agent)
1.	I am the authorized agent of Contractor, Engineer, Architect or provider of professional service ["Services Provider"] herein for the purposes of certifying facts pertaining to the existence of collusion between and among Services Provider and municipal officials or employees, as well as facts pertaining to the giving or offering of things of value to government personnel in return for special consideration in the letting of any contract pursuant to which this statement is attached.
2.	I am fully aware of the facts and circumstances surrounding the making of the contract to which this statement is attached, and I have been personally and directly involved in the proceedings leading to the awarding of such contract; and
3.	Neither the Services Provider nor anyone subject to the Services Provider's direction or control has been a party: a. to any collusion with any municipal official or employee as to quantity, quality, or price in the prospective contract, or as to any other terms of such prospective contract, nor b. in any discussions between Services Provider and any municipal official concerning exchange of money or other thing of value for special consideration in the letting of
	a contract. By: Signature
	Title: Vice President
Subscribed and	sworn to before me this $4h$ day of October, 2019.
Notary Public	anytheton
My Commissio	on Expires: 10/01/20 OFFICIAL SEAL TIFFANY HILTON
Notary Commis	ssion Number: Of 10089 SEAL NOTARY PUBLIC STATE OF OKLAHOMA Commission #04008955
County & State	Whore Notarized: Trues My Commission Expires 10-01-2020

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

Exhibit 1 FY 2020 WPC Equipment Listing RMUA Project No. WPC 18-2, Amendment No. 2 Haikey Creek Operation & Maintenance Capital Equipment Replacements

	Equipment ID and Description	Estimated Replacement Cost
Haikey Creek Plant		
H001-OPS1-HVAC1	Operation Building HVAC Controls Improvements	\$385,000
H070-RDT1-ROOF1	RDT Building Roof	\$18,000
	New jib Crane for RAS Pumps	\$90,000
H070-RDT1-HWH01	Hot Water Tank in RDT Building	\$5,000
H070-RDT1-HVAC1	Rehabiliation of ventilation system for basement of RDT Building	\$25,000
H070-RDT1-HVAC1	Rehabiliation of ventilation system for Electrical Room #1 of RDT Building	\$20,000
H070-RDT1-HVAC1	Rehabiliation of ventilation system for Electrical Room #2 of RDT Building	\$20,000
	Replace Six (6) Doors of RDT Building	\$24,000
H001-OPS1-HVAC1	Rehabiliation of ventilation system for Pump Room and Garage of Operations Building	\$25,000
	Lighting Upgrades	\$15,000
RMUA Totals:		\$627,000

Haikey Creek Operation and Maintenance Capital Equipment Replacements RMUA Project No. WPC 18-2, Amendment 2

Project Schedule WPC 18-2, Amendment 1 Dec 1, 2019 June 7, 2021	É	Title	Given Earliest E	Expected En		Expected	03 / 2019	04 / 2019	01 / 2020	O2 / 2020		O3 / 2020		Q4 / 2020		ē	Q1 / 2021		02 / 2021
Project Schedule WPC 18-2, Amendment 1 Preliminary Design Notice to Proceed Initial Workshop Preliminary Design Preliminary Design Preliminary Design Prinal Design Final Design Submittal Client Review Pre-Advertisement Review Set Draffing of Final Check Set Final Check Set Submittal Client Review Pre-Advertisement Review Final Check Set Submittal Client Review Pre-Advertisement Advertisement Advertisement Advertisement Canneral Dates Canneral Dates Canneral Dates Canneral Dates Canneral Dates			Start		completed	Duration 7	9 2	10 11 12	1 2 3	5	7	6	10	1	12	-	23	4	ιΩ
Preliminary Design Notice to Proceed Initial Workshop Preliminary Design Preliminary Design Preliminary Design Final Design Final Design Final Design Final Design Final Design Final Cesign State Drathing of Final Check Set Drathing of Final Check Set Alvertisement Review Set Advertisement Enables Advertise Date Advertisement Advertise Date Advertisement Advertisem	ď	roject Schedule WPC 18-2, Amendment 1	Dec 1, 2019	June 7, 202		1.65 years	1.65 years Project Schedule WPC 18-2, Amendment 1	8-2, Amondment 1											
Notice to Proceed Initial Workshop Preliminary Design Preliminary Design Preliminary Design Preliminary Design Final Design Final Design Final Design Submittal Client Review Set Dratting of Final Check Set Final Check Set Set Final Check Set Set And Check Set Dratting Review Final Reproduction Bidding/Contracting Advertisement Award/Execute Contract Work Order Dates Gansen Contract Work Order Dates		Preliminary Design	Dec 1, 2019	Jan 17, 202	•	1.8m	****	Preliminary Design			477								
Initial Workshop Preliminary Dasign Preliminary Dasign Preliminary Dasign Final Design Final Design Final Design Final Design Final Design Final Check Set Pradfuck Set Pradfuck Set Final Check Set Advertisement Advertise		Notice to Proceed	Dec 1, 2019 L	Dec 1, 2019			0.5%	Notice to Proceed											
Pretiminary Design Pretiminary Design Submittal Client Review Final Design Final Design Final Design Final Design Final Design Final Design Orating of Final Check Set Final Check Set Final Check Set Submittal Client Review Final Check Set Darding/Contracting Advertisement Award/Execute Contract Work Order Dates Gandred Dates		Initial Workshop	Dec 2, 2019 L	Dec 2, 2019		1 day		Initial Workshop											
Pretirninary Design Submittal Client Peview Final Design Final Design Final Design Submittal Client Review Pre-Advertisement Review Set Drafting of Final Check Set Final Check Set Submittal Client Review Final Reproduction Bidding/Contracting Advertisement Advertiseme		Preliminary Design	Dec 2, 2019 L	Dec 31, 2019		E		Preliminary Design	- F										
Client Review Final Design Final Design Final Design Submittal Client Review Pre-Advertisement Review Set Drafting of Final Check Set Final Check Set Submittal Client Review Final Reproduction Blidding/Contracting Advertise Date Advertisement Advertiseme		Preliminary Design Submittal	Jan 9, 2020	Jan 10, 2020		1 day		Preliminary Design Submittal	F										
Final Design Final Design Final Design Submittal Client Review Set Pre-Advertisement Review Set Drahting of Final Check Set Final Check Set Submittal Client Review Final Reproduction Bidding/Contracting Advertisement Advertisement Advertisement Advertisement Contracting Advertisement Advertiseme		Client Review	Jan 13, 2020	Jan 17, 2020		1 week		Client Review	Ş										
Final Design Final Design Submittal Client Review Set Pre-Advertisement Review Set Drafting of Final Check Set Final Check Set Submittal Client Review Final Reproduction Blidding/Contracting Advertise Date Advertisement Award/Execute Contract Work Order Dates Gandeal Cantract Dates Cannes Dutes Cannes Dutes		Final Design	Jan 21, 2020 F	Feb 27, 202		1.4m		Final Design	esign •										
Final Design Submittal Client Review Pre-Advertisement Review Set Drafting of Final Check Set Final Check Set Submittal Client Review Final Reproduction Blidding/Contracting Advertisement Advertisement Work Order Dates Ganded Contract Vork Order Dates		Final Design	Jan 21, 2020 F	Feb 19, 2020	-	E		Final	Final Design										
Client Review Pre-Advertisement Review Set Drating of Final Check Set Final Check Set Submittal Client Review Fina Reproduction Bidding/Contracting Advertise Date Advertisement Award/Escoute Contract Work Order Dates Gander Channo Construction		Final Design Submittal	Feb 19, 2020 F	Feb 20, 2020	_	1 day		Final Des	Final Design Submittal										
Pre-Advertisement Review Set Drafting of Final Check Set Final Check Set Submittal Client Review Final Reproduction Bidding/Contracting Advertise Date Advertisement Award/Escoute Contract Work Order Dates Gances Contract		Client Review	Feb 20, 2020 F	Feb 27, 2020	_	1 week			Client Review				-						
Drafting of Final Check Set Final Check Set Submittal Client Review Final Reproduction Blidding/Contracting Advertise Date Advertisement Award/Escute Contract Work Order Dates Ganded Contract Cannel Contract Co		Pre-Advertisement Review Set	Feb 27, 2020 R	Mar 13, 202	C	2.2 weeks		Pre-Advertisem	Pre-Advertisement Review Set										
Final Oheck Set Submittal Client Review Final Reproduction Bidding/Contracting Advertise Date Advertisement Award/Execute Contract Work Order Dates Gances Cantree During Contract		Drafting of Final Check Set	Feb 27, 2020 A	March 5, 202	Q.	1 week		Drafting	Drafting of Final Check Set										
Client Review Final Reproduction Blidding/Contracting Advertise Date Advertisement Award/Execute Contract Work Order Dates Gander Review Contract		Final Check Set Submittal	Mar 5, 2020 N	March 6, 202	0:	1 day		Final Ct	Final Check Set Submittal										
Final Reproduction Bidding/Contracting Advertise Date Advertisement Advertisement Award/Esecute Contract Work Order Dates Gander Contract Gander Contract		Client Review	Mar 6, 2020 N	March 13, 20	120	1 week			Client Review										
Bildding/Contracting Advertise Date Advertisement Award/Execute Contract Work Order Dates Gandre Christ Contract Gandre Christ Contract		Final Reproduction	Mar 13, 2020 N	March 27, 20	120	2 weeks			Final Reproduction										
Advertise Date Advertisement Advard/Esceute Contract Work Order Dates Gandes Draint/Contraction		Bidding/Contracting	Mar 27, 2020 J	June 8, 2020		2.6m			Bidding/Contracting (
Advertisement Award/Execute Contract Work Order Dates Ganarial Sandres During Construction		Advertise Date	Mar 27, 2020 N	Varch 30, 20	120	1 day			Advertise Date	6									
Award/Execute Contract Work Order Dates Gandra Candrac During Construction		Advertisement	Mar 30, 2020 A	4pril 27, 202	0	1 month			Advertisement										
Work Order Dates		Award/Execute Contract	Apr 27, 2020 J	June 8, 2020		1.5 months			Award/Execute Contract	Sontract									
Ganeral Services During Construction		Work Order Dates	June 8, 2020 J	June 8, 2020		0 days				Work Order Dates &									
delicial delicial carried control		General Services During Construction	June 8, 2020 J	June 7, 2021		1.08 years			General Service:	General Services During Construction									



Holloway, Updike and Bellen

Consulting Engineers Muskogee · Broken Arrow PROJECT FEE SCHEDULE
HAIKEY CREEK OPERATION & MAINTENANCE
CAPITAL EQUIPMENT REPLACEMENTS
RMUA PROJECT NO. WPC 18-2
AMENDMENT NO. 2

PRINCIPLE (P)
SR. DESIGNER (SD):
DRAFTER / TECHNICIAN (DT):
PROJECT REPRESENTATIVE (RPR):
CLERICAL (C):

Stephen Tolar Jason Ray Jamie Sharp Jason Ray Tiffany Hilton

			Labor	1			Subc	Subcontracts		-	
							wn ineers			ct Expenses	
Description:	Δ	S	Ы	RPR	C Surv	C Survey Crew	Brog Eng			Dire	Total
FY '20 Design, Bidding and Construction Phase Services											
Phase 1:											
Preliminary Design:											
Project Management	2				2						4
B.1.1 - Initial Workshop	2	2									4
B.1.2 - Research Existing Plans and Records	2	4									9
B.1.3 - Coordination with Authority/Regulatory Agencies	2										2
B.1.4 - Site Inspection	2	2									1 4
Civil/Process Design	2	9	10								18
Electrical Design Coordination	2										2
B.1.5 - Plan-in-Hand Meeting	2	4									9
B.1.6 - Preliminary Submittal		2			2						4
Total Hours:	16	20	10	0	4	0					20
Direct Labor Rate:	29\$	\$46	\$19	\$46	\$18	\$51					
Total Direct Labor:	\$1,074	\$929	\$185	\$0	\$74	\$0					\$2,262
Indirect Labor (171% of Direct Labor):	\$1,836	\$1,589	\$316	\$0	\$127	\$0					\$3,868
Profit (10% of Labor):	\$291	\$252	\$50	\$0	\$20	\$0					\$613
Subcontracts:							\$3,150				\$3,150
Subcontract Profit (5%):							\$158	\$0	\$0		\$158
Direct Expenses:											
General/Misc										\$50	\$50
Subtotal Phase 1:	\$3,201	\$2,770	\$552	\$0	\$221	\$0	\$3,308	\$0	\$0	\$50	\$10,100
	Section 1997			Will have been dearly and the							



Holloway, Updike and Bellen

Consulting Engineers Muskogee · Broken Arrow

EXHIBIT 3
PROJECT FEE SCHEDULE
HAIKEY CREEK OPERATION & MAINTENANCE
CAPITAL EQUIPMENT REPLACEMENTS
RMUA PROJECT NO. WPC 18-2
AMENDMENT NO. 2

PRINCIPLE (P)
SR. DESIGNER (SD):
DRAFTER / TECHNICIAN (DT):
PROJECT REPRESENTATIVE (RPR):
CLERICAL (C):

Stephen Tolar Jason Ray Jamie Sharp Jason Ray Tiffany Hilton

			Labor				Subco	Subcontracts			
Description:	d.	SD	TO	RPR	C Survey Crew	y Crew	имот8 глэөлірпЗ			Direct Expenses	Total
Phase 2: Final Design:	i)						
Project Management	2				2						
B.2.1 - Final Field investigations B.2.2 - Final Detailed Design	2										
Civil/Process Design	2	4	2								
Electrical Design Coordination	2										
B.2.3 - Final Design Submittal		4	2		2						
B.2.4 - Pre-Advertisement Review Set		2	2		2						
B.2.5 - Final Reproduction Coordination		2			2						
C.2.5.1 - Bidding Services	2	2	-		2						
Total Hours:	10	14	7	0	10	0					41
Direct Labor Rate:	29\$	\$46	\$19	\$46	\$18	\$51					
Total Direct Labor:	\$671	\$650	\$130	\$0	\$185	\$0					\$1,636
Indirect Labor (171% of Direct Labor):	\$1,148	\$1,112	\$221	80	\$316	\$0					\$2,798
Profit (10% of Labor):	\$182	\$176	\$35	\$0	\$50	\$0					\$443
Subcontracts:							\$3,150	4			\$3,150
Subcontract Profit (5%):							\$158	\$0	80		\$158
Direct Expenses: General/Misc										\$16	\$16
Subtotal Phase 2:	\$2,001	\$1,939	\$386	\$0	\$551	\$0	\$3,308	\$0	\$0	\$16	\$8,200



Holloway, Updike and Bellen

Consulting Engineers Muskogee · Broken Arrow EXHIBIT 3
PROJECT FEE SCHEDULE
HAIKEY CREEK OPERATION & MAINTENANCE
CAPITAL EQUIPMENT REPLACEMENTS
RMUA PROJECT NO. WPC 18-2
AMENDMENT NO. 2

PRINCIPLE (P)
SR. DESIGNER (SD):
DRAFTER / TECHNICIAN (DT):
PROJECT REPRESENTATIVE (RPR):
CLERICAL (C):

Stephen Tolar Jason Ray Jamie Sharp Jason Ray Tiffany Hilton

			Labor	or	0.00		Su	Subcontracts			
Description:	Δ.	S	TO	RPR	C Su	C Survey Crew	Brown Engineers			Direct Expenses	Total
Phase 3:											
FY'15 Services:											
Construction / Bidding Services:											
Project Management	4				4						
B.3.1 - Assistance with Award	4										
B.3.2 - Lead Pre-Construction Conference	4										
B.3.3 - Submittal Review	4	80			6						
B.3.4 - Monitor Construction Progress	4										
B.3.5 - Final Inspection	4										
B.3.7 - Record Drawings		4	4								
Resident Inspection				114							
Total Hours:	24	12	4	114	13	0					167
Direct Labor Rate:	\$67	\$46	\$19	\$46	\$18	\$51					
Total Direct Labor:	\$1,611	\$558	\$74	\$5,296	\$240	\$0					\$7,779
Indirect Labor (171% of Direct Labor):	\$2,754	\$953	\$127	\$9,057	\$411	\$0					\$13,302
Profit (10% of Labor):	\$436	\$151	\$20	\$1,435	\$65	\$0					\$2,108
Subcontracts:							\$1,000				\$1,000
Subcontract Profit (5%):							\$20	\$0	\$0		\$20
Direct Expenses:										4	4
General/MISC										260	094
Subtotal Phase 3:	\$4,801	\$1,662	\$221	\$15,789	\$717	\$0	\$1,050	\$0	\$0	\$60	\$24,299
Subtotal WPC 20-2 Services											\$42,600
Multiplier Calculation (M):	Indirect Labor	+	Profit	`	Direct Labor	+	_	II	Σ		
	\$19,967		\$3,164		\$11,677				2.98		



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

9/25/2019

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

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

tina certificate does not confer	rights to the certificate floider in field of s	uch endorseme	:11(5).		
PRODUCER Stephens Insurance	, LLC	CONTACT NAME:			
111 Center Street, S Little Rock, AR 7220	Suite 100	PHONE (A/C, No, Ext):	1-800-643-9691	FAX (A/C, No);	501-377-2317
Little HOCK, AR 7220) i	E-MAIL ADDRESS:			
			INSURER(S) AFFORDING COVER	AGE	NAIC #
www.stephensinsurance.com		INSURER A : Cha	arter Oak Fire Insurance Con	npany	25615
INSURED Holloway, Updike and Belle	an Înn	INSURER B: Travelers Indemnity Company of America			25666
P.O. Box 1543	ii, iiic.	INSURER C: Tra	velers Casualty & Surety Cor	npany of America	31194
Muskogee OK 74402		INSURER D: Tra	velers Property Casualty Cor	npany of America	25674
		INSURER E:			
		INSURER F:			
COVEDACES	CEDTIFICATE NUMBER, 540,40050		DEVICION	NUMBED.	

CERTIFICATE NUMBER: 51342856 REVISION NUMBER THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS. ADDL SUBR POLICY EFF POLICY EXP (MM/DD/YYYY) TYPE OF INSURANCE POLICY NUMBER LIMITS INSD WVD COMMERCIAL GENERAL LIABILITY 680-6H440957-18-47 11/1/2018 11/1/2019 EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Ea occurrence) \$2,000,000 CLAIMS-MADE ✓ OCCUR \$300,000 MED EXP (Any one person) \$5.000 PERSONAL & ADV INJURY \$2,000,000

GEN'L AGGREGATE LIMIT APPLIES PER: \$4,000,000 GENERAL AGGREGATE PRO-JECT POLICY LOC PRODUCTS - COMP/OP AGG \$4,000,000 OTHER: COMBINED SINGLE LIMIT (Ea accident) B AUTOMOBILE LIABILITY BA-6737M076-18-GRP 11/1/2018 11/1/2019 \$1,000,000 ANY AUTO BODILY INJURY (Per person) 1 OWNED AUTOS ONLY HIRED AUTOS ONLY SCHEDULED AUTOS NON-OWNED AUTOS ONLY BODILY INJURY (Per accident) PROPERTY DAMAGE (Per accident) Medical Payments \$5,000 UMBRELLA LIAB В CUP-1068T343-18-47 11/1/2018 11/1/2019 1 OCCUR EACH OCCURRENCE \$2,000,000 **EXCESS LIAB** CLAIMS-MADE AGGREGATE \$2,000,000 DED ✓ RETENTION \$10,000 C WORKERS COMPENSATION UB-7J637827-18-47-G 11/1/2018 11/1/2019 ✓ PER STATUTE AND EMPLOYERS' LIABILITY ANYPROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) E.L. EACH ACCIDENT \$500,000 Ν N/A E.L. DISEASE - EA EMPLOYEE \$500,000 If yes, describe under DESCRIPTION OF OPERATIONS below

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

RMUA WPC 18-2, Amendment 2 - Haikey Creek Operation and Maintenance Capital Equipment Replacements 30 Day Notice of Cancellation for all reasons other than non-payment of premium will be provided to the certificate holder. Valid in Oklahoma

106327272

CERTIFICATE HOLDER	CANCELLATION

Regional Metropolitan Utility Authority Attn: Matt Vaughan 175 East 2nd Street Suite 1400 Tulsa OK 74103

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

7/1/2019

7/1/2020

Ted Grace

Theodou A. Siace

E.L. DISEASE - POLICY LIMIT \$500,000

Each Occurence \$2,000,000 Deductible per Claim \$75,000

ACORD 25 (2016/03)

Professional Liability

© 1988-2015 ACORD CORPORATION. All rights reserved. The ACORD name and logo are registered marks of ACORD



Request for Action

File #: 19-1246, Version: 1

Broken Arrow Municipal Authority Meeting of: 10-15-19

Title:

Award the most advantageous bid to GNC Concrete Products, Inc. for reinforced concrete culvert boxes to GNC Concrete Products, Inc. for the Streets and Stormwater Department

Background:

Beginning the week of May 20, 2019, the City of Broken Arrow experienced a rain event that was rare in nature. As a result of the extreme amount of water and flooding, the bridge on West Dover Street, between North Hemlock Circle and North Hemlock Court, became compromised. Personnel from the Stormwater Division, of the Streets and Stormwater Department, has been tasked to reconstruct this bridge. The major component of this bridge is the purchase and installation of new reinforced concrete culvert boxes.

The Streets and Stormwater Department has requested and sought bids for the purchase of nine (9) 10' by 6' reinforced concrete culvert boxes. Funds are available in the Broken Arrow Municipal Authority (BAMA) (Project SW1923, Account No. 020-5305-438.70-15).

The Purchasing Department solicited bids from seven (7) vendors and only two (2) bids were received. Pricing for the reinforced concrete culvert boxes is reflected in the attached bid tabulation sheet. The bid tabulation includes all vendors who submitted bids for the reinforced concrete culvert boxes.

The bid specifications inform bidders that the City shall evaluate bids in response to the solicitation and will award the bid to the bidder whose bid is determined to be the lowest responsive, responsible bid. Additionally, the City may waive informalities or minor irregularities in bids received.

The Streets and Stormwater Department has identified the reinforced concrete boxes from GNC Concrete Products, Inc. as the lowest responsible bid and, therefore, recommends its purchase.

Cost: \$33,120.00

Funding Source: Broken Arrow Municipal Authority (BAMA) Capital Outlay with

Potential FEMA Reimbursement

Requested By: Rocky Henkel, Streets and Stormwater Director

Approved By: City Manager's Office

Attachments: Bid Tab 20.109, Reinforced Concrete Boxes

Recommendation:

Award the most advantageous bid for reinforced concrete culvert boxes to GNC Concrete Products, Inc. for the Streets and Stormwater Department.

Bid 20,109 Reinforced Concrete Boxes Bid Date 09/25/2019

Vendor		GNC Concrete Products, Inc	Stronghand LLC
Specification		Reinforced concrete boxes	Reinforced concrete boxes
Item	Qty	each price	each price
Reinforced Concrete Boxes	9	\$3,680.00	\$3,830.00
Total	,	<u>\$33,120.00</u>	\$34.470.00
List Delivery Time		8 weeks	5-6 weeks
Warranty		1 year from installation	Warranty is good until concrete boxes are offloaded at the jobsite

Stormwater Project SW1923

Bid sent out to 7 vendors

This bid tabulation is true and accurate to the best of my knowledge

Patrick Harrison

Purchasing Manager



Request for Action

File #: 19-1267, Version: 1

Broken Arrow Municipal Authority Meeting of: 10-15-2019

Title:

Award the most advantageous bid to Summit Truck Group for the purchase of one (1) dump truck with a dump body, tow hooks and accessories for the Water Division

Background:

The Utilities Department has budgeted for the purchase of one dump truck to be used for hauling materials utilized in the installation and repair of water and sewer lines. Funds for the purchase are available in the Departmental Capital Outlay for FY2020. Project No. 205413.

Bid packages were sent to ten (10) vendors. Three (3) bids were received. City staff has reviewed the bids received and identified the bid from Summit Truck Group for \$113,593.96 as the most advantageous bid.

Cost: \$113,593.96

Funding Source: 020-5400-434-7002 Project 205413

Requested By: Charles Vokes, Utilities Director

Approved By: City Manager's Office

Attachments: Bid 20.107

Recommendation:

Award the most advantageous bid to Summit Truck Group for the purchase of one dump truck with a dump body with tow hooks and accessories

Bid 20.107 Dump Truck

Bid	Date	09/1	1/20	119

	Item		Summit Truck Group	Premier Truck Group	Rush Truck Center
	Specification		2020 International HV 507 6x4 Tandem w/Firehouse D2 Standard Dump Body	2020 Freightliner 114SD w/Firehouse D2 Standard Dump Body	2020 Peterbilt 348 w/Firehouse D2 Standard Dump Body
Item Number	*	Qty	Each Price	Each Price	Each Price
	Cab & Chassis	1	\$92,898.96	\$95,048.00	\$105,355.00
	Dump Bed		\$18,200.00	\$18,950.00	\$18,950.00
	Options: Chassis			MA	
1	Rear Suspension		\$1,000.00	Included	n/a 7
2	Add Keys (Additional)	2	Included	Included	Included
3	Add Tilt Steeting and Cruise	1	Included	Included	Included
4	Add Power Windows	1	\$293.00	Included	Included
5	Add Power Mirrors		\$100.00	Included	Included
6	Additional Battery	1	\$70.00	Included	Included
7 8	Add Auxiliary Switches Load scales recommended by dealer for chassis	1	Included	Included \$3,750.00	Included
	Options: Dump Body				
9	Add Electric Bed Vibrator	1	\$1,032.00	\$1,032.00	\$1,032.00
	Total		\$113,593.96	\$118,780.00	\$125,337.00
	Meet Specs		Y	Y	N
	List Delivery Time		90-120 days	60-90 days	165-190 days
	Cab & Chassis Warranty		5 yr./unlimited	2 yr./unlimited	1 yr./unlimited
	Engine warranty		2yr./250k	2yr./250k	2yr./250k
	Transmission Warranty Dump Bed Warranty		3yr./unlimited 1yr./unlimited	3yr./unlimited 1yr./unlimited	3yr./unlimited 1yr./unlimited
	Notes:		2327 0111111100	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Vendor bidding a Allison 3000RDS transmission,specs call for 4500

Water Project Bids were sent to 10 Vendors

This bid tabulation is true and accurate to the best of our knowledge

Wednesday, September 11, 2019

Patrick Harrison

Purchasing Manager

Mike Bradley

Fleet Maintenance Manager



Request for Action

File #: 18-1466, Version: 1

Broken Arrow Municipal Authority Meeting of: 10/15/2019

Title:

Ratification of the Claims list dated 10/11/2019

Background:

Council on September 3, 2019 approved Ordinance No. 3601 to allowing ratification of the claims list. On October 11, 2019 checks, V-Cards or ACH were processed for a total of \$5,829,883.05.

(Total includes all Funds)

A summary by fund:

Fund 20 (BAMA) \$3,298,518.77

Cost: \$3,298,518.77

Funding Source: Various departmental operating and capital budgets

Requested By: Cynthia S. Arnold, Finance Director

Approved By: City Manager's Office

Attachments: Claims list for October 11, 2019.

Recommendation:

Approve Ratification of Claims list dated 10/11/2019

PROGRAM GM314L CLTY OF BROKEN ARROW

FUND 020 BAMA I NVOLCE NO DATE VENDOR DATE VENDOR
DUE NO VENDOR VOUCHER ACCOUNT NAME NO NO AMOUNT PI3891 K707538 62419 020-0000-141.00-00 634.50
PI3892 K710439 61719 020-0000-141.00-00 10,675.00
7/01/2019 TOTAL - 11,309.50
CUMULATI VE TOTAL - 11,309.50 7/01/2019 8679 CORE & MAIN 43.13 7/10/2019 4358 MCNEILUS TRUCK & MFG., INC PI3830 4419983 020-5125-436.60-20 -5125-436.60-20 43.13 7/10/2019 TOTAL - 43.13 CUMULATI VE TOTAL - 11,352.63 020-5200-419.40-55 299.24 020-5305-438.40-55 359.09 020-5400-434.40-55 299.24 7/16/2019 TOTAL - 957.57 CUMULATI VE TOTAL - 12,310.20 PI 3835 3296 PI 3836 3296 7/16/2019 9717 MOBILE WIRELESS LLC PI 3837 3296 39.00 PI 4143 73876 7/23/2019 42 ARROW SAFE AND LOCK INC 020-5305-438.60-23 7/23/2019 TOTAL - 39.00 CUMULATI VE TOTAL - 12,349.20 7/29/2019 8679 CORE & MAIN PI 3753 K924130 020-0000-141.00-00 4,428.00 020-0000-141.00-00 020-0000-141.00-00 PI 3754 K924130 1,121.75 ...2012019 TOTAL -CUMULATI VE TOTAL -7/29/2019 TOTAL -5,549.75 17.898.95 PI 4144 52125 1,190.54 7/30/2019 4728 CHICKASAW TELECOM INC 020-5200-419.60-24 7/30/2019 TOTAL -CUMULATI VE TOTAL -1,190.54 19,089,49 020-5120-437.70-17 8/01/2019 11770 DIESEL LAPTOPS LLC PI 3829 42687 16.990.00 7-5120-437.70-17 8/01/2019 TOTAL -CUMULATIVE TOTAL -16,990,00 36,079,49 404.51 404.51 8/02/2019 176 TIMMONS OIL COMPANY INC PI 3840 WI 10255 -0000-141.00-00 8/02/2019 TOTAL -CUMULATIVE TOTAL -020-0000-141.00-00 36.484.00 120.00 8/07/2019 594 TRAFFIC & LIGHTING SYSTEMS PI 4045 417 08719 020-1700-419.50-86 - 1700-419.50-86 8/07/2019 TOTAL -CUMULATIVE TOTAL -120.00 36.604.00 TRANS CONTINENTAL SUPPLY INC PI3929 1036621 0000-141.00-00 352.66 8/08/2019 TOTAL - 352.66 CUMULATI VE TOTAL - 36,956.66 8/08/2019 179 020-0000-141.00-00 PI 3841 WI 10319 020-0000-141.00-00 1,076.18 PI 3932 10930809190952 020-0000-141.00-00 751.95 8/09/2019 TOTAL - 1,828.13 CUMULATI VE TOTAL - 38,784.79 TIMMONS OIL COMPANY INC CONTINENTAL BATTERY CO 8/09/2019 176 8/09/2019 5936 310.00 310.00 8/12/2019 8679 CORE & MAIN PI 3755 K888955 020-0000-141.00-00 0000-141.00-00 310.00 8/12/2019 TOTAL - 310.00 CUMULATI VE TOTAL - 39,094.79

CLTY OF BROKEN ARROW

FUND 020 BAMA DATE DUE	VENDOR	VENDOR NAME		I NVOI CE NO	NO	AMOUNT
8/15/2019	179	TRANS CONTINENTAL SUPPLY INC	PI 3930 PI 3931 PI 3933 PI 3934	1036714 1036714 1036713 1036713	020-0000-141.00-00 020-0000-141.00-00 020-0000-141.00-00 020-0000-141.00-00 8/15/2019 TOTAL - CUMULATIVE TOTAL -	222.84 13.32 220.46 238.30 694.92 39,789.71
8/16/2019			PI 4130	02135 81619	020-5305-438.60-23 8/16/2019 TOTAL - CUMULATIVE TOTAL -	15.33 15.33 39,805.04
8/19/2019 8/19/2019	6478 8679	FORTILINE INC CORE & MAIN	PI 4140 PI 3756	4707355 K939718	020-5415-435.60-40 020-0000-141.00-00 8/19/2019 TOTAL - CUMULATIVE TOTAL -	2, 390. 91 167. 25 2, 558. 16 42, 363. 20
8/20/2019	6126	WELSCO INC.			020-5120-437.70-17 8/20/2019 TOTAL - CUMULATIVE TOTAL -	
8/21/2019 8/21/2019		LOWES TWIN CITIES READY MIX INC	PI 3942 PI 3821 PI 3822	02031 082119 189855 189855	020-0000-141.00-00 020-5305-438.60-27 020-5305-438.70-15 8/21/2019 TOTAL - CUMULATIVE TOTAL -	38.76 405.00 1,086.80 1,530.56 43,878.76
8/22/2019	9569	TWIN CITIES READY MIX INC				
8/23/2019	9892	GOODYEAR COMMERCIAL TIRE	PI 3893	2541014590	020-0000-141.00-00	2, 373. 41
8/23/2019	10051	GOODYEAR COMMERCIAL TIRE BROWNCO MFG & SALES	PI 3844	675901	020-0125-430.00-19 020-0000-141.00-00 8/23/2019 TOTAL - CUMULATI VE TOTAL -	2,200.00 4,657.36 48,997.12
8/25/2019	1589	SEWER EQUIPTMENT OF AMERICA	PI 4047	0000175501	020-5415-435.60-20 8/25/2019 TOTAL - CUMULATIVE TOTAL -	391.95 391.95 49,389.07
8/26/2019	9297	JANDERSON INC DBA CARTRIDGE W				
8/27/2019	7407 9569 10233	PROFESSIONAL ENGINEERING CONST TWIN CITIES READY MIXINC PETROLEUM TRADERS CORP	J PI 3788 PI 3825 PI 3842 PI 3843	520397 190148 1445558 1445560	020-5415-435.70-16 020-5305-438.60-27 020-0000-141.00-00 020-0000-141.00-00 8/27/2019 TOTAL - CUMULATI VE TOTAL -	5, 408. 75 821. 00 9, 179. 68 4, 815. 42 20, 224. 85 69, 784. 92

PREPARED 10/11/19, 10:43:58 PROGRAM GM314L CLTY OF BROKEN ARROW

FUND 020 BAMA DATE DUE	VENDOR NO	VENDOR NAME	VOUCHER NO	I NVOI CE NO	ACCOUNT NO	AMOUNT
8/29/2019	179	TRANS CONTINENTAL SUPPLY INC	PI 3935 PI 3940	1036931 1036932	020-0000-141.00-00 020-0000-141.00-00	69.99 224.64
8/29/2019	289	PETROLEUM MARKETERS EQUIPT CO	PI 3888	0122992	020-5000-141.00-00	1,614.00
8/29/2019	2227	TRANS CONTINENTAL SUPPLY INC PETROLEUM MARKETERS EQUIPT CO HAYNES EQUIPMENT CO	PI 3749	8121955I N	020-5415-435.60-41 8/29/2019 TOTAL - CUMULATIVE TOTAL -	160.00 5,116.79 74,901.71
8/30/2019	8019	HDR, INC	PI 3746 PI 3746 PI 3747	1200210382 1200210381 1200210348	020-5410-435,70-16 020-5410-435,70-16 020-5405-434,70-16	6, 251. 53 6, 251. 54 7, 218. 02
8/30/2019	8679	CORE & MAIN	PI 3748 PI 3936 PI 3937 PI 3938	1200210379 L055729 L055729 L055729	020-5405-434.70-16 020-0000-141.00-00 020-0000-141.00-00 020-0000-141.00-00	1,440.00 168.40 1,802.54 333.60
8/30/2019	9994	HDR, INC CORE & MAIN ALAN PLUMMER ASSOCIATES INC	PI 3939 L058 PI 3787 0000	L055729 000000044844	020-0000-141.00-00 020-5410-435.70-15 8/30/2019 TOTAL - CUMULATIVE TOTAL -	152.03 15,475.00 39,092.66 113,994.37
8/31/2019 8/31/2019 8/31/2019 8/31/2019 8/31/2019	355 8616 10077 10417 11761	INCOG GEODECA LLC GULBRANSEN TECHNOLOGIES INC KIMLEY-HORN & ASSOCIATES INC. BELT CONSTRUCTION INC	PI 4139 PI 3750 PI 4131 PI 4128 PI 3927 PI 3928	223140BA 1905040 91043670 0612923000819 1 1 VENDOR PAYMTS	020-5205-419.70-16 020-5205-419.30-87 020-5405-434.60-34 020-5400-434.70-16 020-5415-435.70-15 020-5415-435.70-15 8/31/2019 TOTAL -	20,000.00 4,850.00 11,699.12 2,616.00 408,922.85 20,304.00- 427,783.97 541,778.34
9/03/2019	9569	TWIN CITIES READY MIX INC	PI 3792	190477	020-5305-438.60-27 9/03/2019 TOTAL - CUMULATIVE TOTAL -	315.00 315.00 542,093.34
9/04/2019	90	NAPA AUTO PARTS	PI 3947 PI 3948 PI 3949	2210943785 2210943785 2210943785	020-0000-141.00-00 020-0000-141.00-00 020-0000-141.00-00	18.57 4.10 11.29
	9569	TWIN CITIES READY MIX INC	PI 3794 PI 3795	190561 190561	020-5305-438.60-27 020-5305-438.70-15	450.00 686.40
9/04/2019	1 1 3 8 5	NAPA AUTO PARTS TWIN CITIES READY MIX INC STANDARD MATERIALS GROUP	PI 3801	2000037144	020-5305-438.60-27 9/04/2019 TOTAL - CUMULATIVE TOTAL -	392.00 1,562.36 543,655.70
9/05/2019	90	NAPA AUTO PARTS	PI 3950	2210943827	020-0000-141.00-00	77.66 30.16
9/05/2019	641 1993 2227 9569 9919	NAPA AUTO PARTS HOLMAN SEED FARMS G W VAN KEPPEL COMPANY HAYNES EQUIPMENT CO TWIN CITIES READY MIX INC E. H. WACHS	PI 3723 PI 3919 PI 3916 PI 3797 PI 3913	97384 PSO1823251 8121987I N 190670 I NV167682	020-0000-141.00-00 020-5400-434.60-20 020-5415-435.60-41 020-5305-438.70-15 020-5400-434.60-24 9/05/2019 TOTAL - CUMULATI VE TOTAL -	1, 180. 00 159. 29 5, 452. 77 459. 90 3, 916. 41 11, 276. 19 554, 931. 89

FUND 020 BAMA DATE DUE	VENDOR NO	VENDOR NAME	NO	NU	ACCOUNT NO	AMOUNT
9/09/2019 9/09/2019	60 90	BLOSS EQUIPMENT CO NAPA AUTO PARTS	PI 3757 PI 3952 PI 3953 PI 3954	101181 2210944173 2210944173 2210944173	020-0000-141.00-00 020-0000-141.00-00 020-0000-141.00-00 020-0000-141.00-00	309.80 100.67 178.83 170.45
9/09/2019 9/09/2019	3227 9569	BLOSS EQUIPMENT CO NAPA AUTO PARTS PSI ENVIRONMENTAL GEOTECNICAL TWIN CITIES READY MIX INC	PI 4125 PI 3800	I NV0003628 190881	020-5405-434.60-45 020-5400-434.60-27 9/09/2019 TOTAL - CUMULATIVE TOTAL -	15, 286, 35 135, 00 16, 181, 10 571, 112, 99
9/10/2019 9/10/2019	5936 9569	CONTINENTAL BATTERY CO TWIN CITIES READY MIX INC	PI 3847 PI 3853	10930910190835 190981	020-0000-141.00-00 020-5305-438.60-27 9/10/2019 TOTAL - CUMULATIVE TOTAL -	644.65 459.90 1,104.55 572,217.54
9/11/2019 9/11/2019	5941 9569	LOWES TWIN CITIES READY MIX INC	PI 4073 PI 3854 PI 3855	02656 91119 191086 191086	020-5405-434.60-23 020-5305-438.60-27 020-5400-434.60-27 9/11/2019 TOTAL - CUMULATIVE TOTAL -	178. 98 151. 50 135. 00 465. 48 572, 683. 02
9/12/2019	90	NAPA AUTO PARTS	PI 3958 PI 3959 PI 3960 PI 3961	2210944445 2210944445 2210944445 22109444526	020-0000-141.00-00 020-0000-141.00-00 020-0000-141.00-00 020-0000-141.00-00	9.44 4.77 15.33 48.00 23.88
9/12/2019 9/12/2019 9/12/2019	225 4988 11385	SUMMIT TRUCK GROUP GARVER ENGINEERS STANDARD MATERIALS GROUP			OUMULATIVE TOTAL	1, 357.60 16, 288.00 659.75 18, 406.77 591, 089.79
9/13/2019	6955	GREENHILL MATERIALS	PI 3803	154381	020-5305-438.60-27 9/13/2019 TOTAL - CUMULATIVE TOTAL -	89.77 89.77 591,179.56
9/16/2019 9/16/2019 9/16/2019 9/16/2019 9/16/2019	289 349 370 8679 9569	PETROLEUM MARKETERS EQUIPT CO RICH MIX PRODUCTS DBA QUIKRETI AIRGAS USA LLC CORE & MAIN TWIN CITIES READY MIX INC	PI 3874 E PI 3964 PI 4070 PI 3773 PI 3856	0123156 19145170 9093039719 L191183 191411	020-5130-437.70-17 020-0000-141.00-00 020-5130-437.60-21 020-5400-434.60-38 020-5305-438.60-27 9/16/2019 TOTAL - CUMULATI VE TOTAL -	900.00 1,016.17 24.96 4,752.00 1,125.00 7,818.13 598,997.69
9/17/2019 9/17/2019 9/17/2019	5941 6955 9569	LOWES GREENHILL MATERIALS TWIN CITIES READY MIX INC	PI 4078 PI 3804 PI 3857	01962 91719 154524 191514	020-5415-435.60-27 020-5305-438.60-27 020-5305-438.60-27 9/17/2019 TOTAL - CUMULATIVE TOTAL -	12.08 187.01 953.70 1,152.79 600,150.48
9/18/2019	179				020-0000-141.00-00 020-0000-141.00-00	

PREPARED 10/11/19, 10:43:58 PROGRAM GM314L CLTY OF BROKEN ARROW

FUND 020 BAMA DATE DUE	VENDOR NO	VENDOR NAME	VOUCHER NO	I NVOI CE NO	ACCOUNT NO	AMOUNT
9/18/2019	5941	VENDOR NAME LOWES CORE & MAIN TWIN CITIES READY MIX INC	PI 4080 PI 4081 PI 4083 PI 4084	01170 91819 01197 91819 02821 91819 02821 91819	020-5305-438.60-23 020-5410-435.60-45 020-5305-438.60-23 020-5305-438.60-23	69. 16 131. 37 39. 90 17. 36
9/18/2019	8679	CORE & MAIN	PI 3768	L143665 K971092	020-5405-434.60-23	840.00 28 500.00
9/18/2019	9569	TWIN CITIES READY MIX INC	PI 3859	191617	020-5305-438.60-27 9/18/2019 TOTAL - CUMULATIVE TOTAL -	953.70 30,799.61 630,950.09
9/19/2019	42 225	ARROW SAFE AND LOCK INC	PI 4121	73868	020-5305-438.60-23	39.50
9/19/2019 9/19/2019	225 244	SUMMIT TRUCK GROUP GREEN ACRE SOD FARMS DBA	PI 4031 PI 4067 PI 4068	411191495 115089 115090	020-5125-436.60-20 020-5305-438.60-27 020-5305-438.60-23	110.49 85.00 170.00
9/19/2019	255	SAF T GLOVE INC	PI 3966	91187500	020-0000-141.00-00	897.04
9/19/2019 9/19/2019	1765 6478	CERTIFIED LABORATORIES FORTILINE INC	PI 4027 PI 3845 PI 3846	3688522 4726922 4726922	020-5410-435.60-45 020-0000-141.00-00	759.40 1,713.60 2,370.60
9/19/2019	9569	ARROW SAFE AND LOCK INC SUMM T TRUCK GROUP GREEN ACRE SOD FARMS DBA SAF T GLOVE INC CERTIFIED LABORATORIES FORTILINE INC TWIN CITIES READY MIX INC	PI 3861	191715	020-5305-438.60-27 9/19/2019 TOTAL - CUMULATIVE TOTAL -	542.75 6,688.38 637,638.47
9/20/2019	90	MAXWELL SUPPLY OF TULSA INCHOLLIDAY SAND & GRAVEL CO UNITED FORD CONTINENTAL BATTERY CO GREENHILL MATERIALS TWIN CITIES READY MIX INC GOODYEAR COMMERCIAL TIRE GULBRANSEN TECHNOLOGIES INC	PI 3969 PI 3970 PI 3971 PI 3973	2210945079 2210945079 2210945079 2210945127 2210945127	020-0000-141.00-00 020-0000-141.00-00 020-0000-141.00-00 020-0000-141.00-00	54.46 87.40 34.08 66.26
9/20/2019 9/20/2019	403 951	MAXWELL SUPPLY OF TULSA INC HOLLIDAY SAND & GRAVEL CO	PI 3965 PI 3812	498993 1500050067	020-0000-141.00-00 020-5400-434.60-80	491. 25 114. 07
010010010	4044	LINE TER SORR	PI 3813	1500050067	020-5415-435.60-80	211.47
9/20/2019 9/20/2019	4311 5936	CONTINENTAL BATTERY CO	PI 3760 PI 3850	3397237 32710920190823	020-0000-141.00-00 020-0000-141.00-00	867.14 164.86
9/20/2019	6955	GREENHILL MATERIALS	PI 3805	154795	020-5305-438,60-27	348.93
9/20/2019	9569	TWIN CITIES READY MIX INC	PI 3863	191770	020-5415-435.60-27	225.00
9/20/2019 9/20/2019	9892 10077	GOODYEAR COMMERCIAL TIRE GULBRANSEN TECHNOLOGIES INC	PI 3733 PI 4117	2541014874 91043993	020-5305-438.60-19 020-5405-434.60-34 9/20/2019 TOTAL - CUMULATI VE TOTAL -	387.64 12,021.68 16,711.85 654,350.32
9/21/2019	10903	SCHEMMER ASSOCIATES INC	PI 4013	0704200211	020-5415-435.60-27 020-5205-419.30-87 9/21/2019 TOTAL - CUMULATIVE TOTAL -	446.55 157.50 604.05 654,954.37
9/23/2019	90	NAPA AUTO PARTS	PI 3975	2210945316	020-0000-141.00-00	97.84
9/23/2019 9/23/2019	194 225	NAPA AUTO PARTS ELLIS CONST ACCESSORIES LTD SUMMIT TRUCK GROUP	PI 3882 PI 3771	213693 CM411191041	020-0000-141,00-00 020-5305-438.60-23 020-5125-436.60-20	157.50 138.00-

ACCOUNTS PAYABLE BY FUND/ DUE DATE

PREPARED 10/11/19, 10:43:58 PROGRAM GM314L

CITY OF BROKEN ARROW

FUND 020 BAMA DATE DUE	VENDOR NO		VOUCHER NO	I NVOI CE NO	ACCOUNT NO	AMOUNT	
9/23/2019	437	OCT EQUIPMENT INC	PI 3776	S020044921	020-5400-434.60-20	93.45	
9/23/2019	990	EDWARDS CANVAS	PI 3759	92391	020-0000-141.00-00	226.69	
9/23/2019	4270	CMC CONSTRUCTION SERVICES	PI 3774	659691	020-5305-438,60-23	77.00	
			PI 3775	659691	020-5305-438.60-23	135.00	
9/23/2019	4311	UNITED FORD	PI 3762	3398557	020-0000-141.00-00	433.57	
			PI 4108	3398552	020-5305-438.60-20	58.65	
9/23/2019	5371	PREMIER TRUCK GROUP	PI 3779	CM125284210	020-5400-434.60-20	99.96-	
			PI 3780	125284210	020-5400-434.60-20	650.04	
			PI 3781	125284247	020-5400-434.60-20	98.70	
9/23/2019	5936	CONTINENTAL BATTERY CO	PI 3724	15320923191320	020-0000-141.00-00	83, 23	
9/23/2019	6955	GREENHILL MATERIALS	PI 3807	154869	020-5305-438.60-27	412.30	
9/23/2019	9137	STOLZ TELECOM LLC	PI 3957	I NV000099	020-0000-141.00-00	738.00	
9/23/2019	9569	TWIN CITIES READY MIX INC	PI 3865	191837	020-5305-438,60-27	673.20	
		· ·			9/23/2019 TOTAL -	3, 721. 24	
		A & N TRAILER PARTS INC NAPA AUTO PARTS SMITH FARM & GARDEN CO SEWER EQUIPTMENT OF AMERICA GREENHILL MATERIALS TWIN CITIES READY MIX INC GOODYEAR COMMERCIAL TIRE ULTIMATE VEHICLE SOLUTION			CUMULATI VE TOTAL -	658, 675. 61	
9/24/2019	35 90	A & N TRAILER PARTS INC	PI 4090	00321028	020-5400-434.60-20	9.40	
9/24/2019	90	NAPA AUTO PARTS	PI 3980	2210945442	020-0000-141.00-00	87.08	
			PI 3981	2210945442	020-0000-141.00-00	4.14	
			PI 3982	2210945442	020-0000-141.00-00	72.48	
9/24/2019	1409	SMLTH FARM & GARDEN CO	PI 3761	862833	020-0000-141.00-00	92.94	
		·	PI 3764	862832	020-0000-141.00-00	280.44	
			PI 3883	862882	020-5410-435.60-24	344.00	
9/24/2019	1589	SEWER EQUIPTMENT OF AMERICA	PI 4025	0000175442	020-5415-435.60-20	221.64	
			PI 4026	0000175442	020-5415-435.60-20	3,353.49	
9/24/2019	6955	GREENHILL MATERIALS	PI 3808	154915	020-5305-438.60-27	256.98	
9/24/2019	9569	TWIN CITIES READY MIX INC	PI 3867	191899	020-5305-438.60-27	90.00	
9/24/2019	9892	GOODYEAR COMMERCIAL TIRE	PI 3726	2541014906	020-0000-141.00-00	1, 767. 90	
9/24/2019	10978	ULTIMATE VEHICLE SOLUTION	PI 3758	933	020-0000-141.00-00	442.41	
					9/24/2019 IOTAL -	7,022.90	
		BROKEN ARROW LAWN & GARDEN NAPA AUTO PARTS WAL MART STORE #0472 CUMMINS SOUTHERN PLAINS FERGUSON PONTIAC GMC TRUCK SUMMIT TRUCK GROUP PETROLEUM MARKETERS EQUIPT CO J & R EQUIPMENT LLC SMITH FARM & GARDEN CO CONTINENTAL BATTERY CO CROSSLAND HEAVY CONTRACTORS I			COMOLATIVE TOTAL -	665, 698, 51	
9/25/2019	74 90	BROKEN ARROW LAWN & GARDEN	Pl 3922	20569	020-5305-438.60-24	519.99	
9/25/2019	90	NAPA AUTO PARTS	PI 3983	2210945501	020-0000-141.00-00	45.48	
			PI 3986	2210945504	020-0000-141.00-00	90.35	
			PI 3987	2210945504	020-0000-141.00-00	4.14	
010=10040		UNI 111 CH CHARL 00 1 - 0	PI 3988	2210945504	020-0000-141,00-00	158.90	
9/25/2019	117	WAL MARI STORE #04/2	PI 3765	04030	020-0000-141.00-00	25.00	
01 201 2010	141	CUMMINS SOUTHERN PLAINS	PI 3741	9115979	020-5415-435.60-20	180.41	
9/25/2019	206	PERGUSON PONTLAC GMC TRUCK	PI 3852	145215	020-0000-141.00-00	1,543.88	
9/25/2019	225	SUMMIT TRUCK GROUP	PI 3703	411191814	020-0000-141.00-00	100.40	
			PI 3772	411191001	020-0120-430.00-20	70.02	
			DI 4026	411191010	020-0000-141.00-00 020-6126-426-60-20	03.82 212.84	
			DI 4030	411191010 1111191857	020-0120-400,00-20 020-5125-436-60-20	4 1 2 . 0 4 1 2 5 - 1 4	
9/25/2019	289	PETROLEUM MARKETERS FOULDT CO	F14007	111101007 0123283	020-0120-400, 00-20	9 000 00	
9/25/2019	371	J & R FOULDMENT LLC	PI 3878	0120200	020-5415-435 70-04	7 421 19	
9/25/2019	1409	SMITH FARM & GARDEN CO	PI 3977	862939	020-0000-141 00-00	143 08	
07 E07 Z010	1700	SIMILITY FARMING CARDEN OO	PI 3978	862939	020-0000-141.00-00	137.65	
9/25/2019	5936	CONTINENTAL BATTERY CO	PI 3727	16730925190929	020-0000-141-00-00	200.16	
9/25/2019	6733	CROSSLAND HEAVY CONTRACTORS L	N PI 3903	20	020-5410-435.70-15	102.258.00	

CLTY OF BROKEN ARROW

FUND 020 BAMA DATE VENDOR VOUCHER I NVOI CE ACCOUNT
. NO NO NO VENDOR NAME DUE NO AMOUNT PI 3904 20 VENDOR PAYMT 020-5410-435.70-15 627.31-9/25/2019 6955 GREENHILL MATERIALS PI 3809 154952 020-5305-438.60-27 130.72
PI 3810 154952 020-5305-438.60-27 372.50
PI 3870 154951 020-5305-438.60-27 278.58
PI 3870 154951 020-5305-438.60-27 278.58
PI 3870 154951 020-5305-438.60-27 1,739.70
PI 3868 191963 020-5305-438.60-27 1,739.70
PI 3888 191963 020-5305-438.60-20 116.28 9/26/2019 90 NAPA AUTO PARTS PI 3989 2210945544 020-0000-141.00-00 31.01
PI 3990 2210945544 020-0000-141.00-00 45.80
PI 3991 2210945544 020-0000-141.00-00 13.30
PI 3992 2210945544 020-0000-141.00-00 9.55
9/26/2019 133 UTILITY SUPPLY PI 3849 131102 020-0000-141.00-00 3,264.30
9/26/2019 244 GREEN ACRE SOD FARMS DBA PI 4069 115109 020-5400-434.60-80 50.00
9/26/2019 370 AI RGAS USA LLC PI 4071 9093426014 020-5120-437.60-23 87.62
9/26/2019 10233 PETROLEUM TRADERS CORP PI 3985 1459179 020-0000-141.00-00 4,277.78
9/26/2019 10699 KUBOTA CENTER WEST TULSA PI 3725 P25383 020-0000-141.00-00 197.96
PI 3728 P25382 020-0000-141.00-00 197.802
PI 3739 P26381 020-5305-438.60-20 67.03
PI 3740 P25393 020-5305-438.60-20 30.259/26/2019 11664 KANSAS GOLF & TURF I NC. PI 3979 01204690 020-0000-141.00-00 295.02

9/26/2019 TOTAL - 8,477.12
CUMULATI VE TOTAL - 809,676.53 9/27/2019 255 SAF T GLOVE I NC PI 3994 91242800 020-0000-141.00-00 38.76
9/27/2019 289 PETROLEUM MARKETERS EQUI PT CO PI 3995 91242800 020-0000-141.00-00 51.83
9/27/2019 447 LI BERTY FLAGS PI 3996 90833 020-0000-141.00-00 338.60
9/27/2019 888 PREFERRED BUSI NESS SYSTEMS 020347 88098 020-0503-415.40-33 92.38
002347 88098 020-0503-415.40-33 92.38
002394 88098 020-0503-415.40-33 72.38
002394 88098 020-0503-415.40-33 72.38
002399 88098 020-5305-438.40-33 72.38
002400 88098 020-5120-437.40-33 72.38
002401 88098 020-5100-437.40-33 72.38
002401 88098 020-5100-437.40-33 72.38
002401 88098 020-5100-437.40-33 72.38
002408 88098 020-5100-437.40-33 72.38
002408 88098 020-5100-437.40-33 72.38
002408 88098 020-5400-434.40-33 72.38
002408 88098 020-5400-434.40-33 292.61
002408 88098 020-5400-434.40-33 292.61
002408 88098 020-5400-434.40-33 292.61
002409 88098 020-5400-434.40-33 292.61
002409 88098 020-5400-434.40-33 32.22.61
002409 88098 020-5400-434.40-33 32.22.61
002409 88098 020-5400-434.40-33 32.22.61
002409 88098 020-5400-434.40-33 83.38
9/27/2019 8679 CORE & MAI N PI 3884 L195379 020-0000-141.00-00 567.00
PI 3946 L180160 020-0000-141.00-00 9.500.00
PI 3956 L180160 020-0000-141.00-00 9.505.80
PI 3956 L180160 020-0000-141.00-00 9.505.40
PI 3956 L180160 020-0000-141.00-00 9.505.40
PI 3956 L180160 020-0000-141.00-00 9.505.40
PI 3856 Z541014845 020-0000-141.00-00 9.505.40
PI 38

CLTY OF BROKEN ARROW

FUND 020 BAMA DATE DUE	VENDOR NO	VENDOR NAME	VOUCHER NO	I NVOI CE NO	ACCOUNT NO	AMOUNT
		VENDOR \\ NAME	PI 3914	2541014939	020-5125-436.60-19 9/27/2019 TOTAL - CUMULATI VE TOTAL -	50.00 23,943.05 833,619.58
31 201 2013	11701	BELT CONSTRUCTION THE	PI 3918	2 VENDOR PAYMES	020-5415-435.70-15	1 117 396 94-
9/30/2019 9/30/2019	90 176	NAPA AUTO PARTS TIMMONS OIL COMPANY INC	PI 4091 PI 3963 PI 3967 PI 3968 PI 3997	2210945815 WI 10756 WI 10764 WI 10765 WI 10754	020-5305-438.60-23 020-0000-141.00-00 020-0000-141.00-00 020-0000-141.00-00	4.00 87.06 261.10 261.10 463.00
9/30/2019 9/30/2019 9/30/2019 9/30/2019 9/30/2019 9/30/2019	225 556 596 2673 4462 4513	SUMMIT TRUCK GROUP OFFICE TEAM OKLAHOMA WATER RESOURCES BOARD ACCURATE ENVIRONMENTAL LLC REGIONAL METROPOLITAN UTILITY CUSTOM SERVICES	PI 4038 003106 003110 003075 003117 003085	411192155 54351205 2019-/23 BI 11130 422966 398844	020-5125-436.60-20 020-5125-436.60-20 020-0503-415.50-37 020-5210-419.30-75 020-5405-434.30-34 020-5410-435.40-45 020-5100-437.40-07	126.52 478.08 700.00 165.00 69,633.79 193.00
9/30/2019 9/30/2019	6009 6454	AMERICAN PUBLIC WORKS ASSOCIAT WASTE MANAGEMENT QUARRY LANDFI	003068 003069 003125 003126	93328299 10/17/2019 10/17/2019 53840-2185-2 53946-2185-7	020-0000-141.00-00 020-5400-434.30-11 020-5415-435.30-11 020-5125-436.40-30 020-5125-436.40-30	1, 332.00 270.00 90.00 11, 451.14 2, 184.32
9/30/2019 9/30/2019	8616 9151	GEODECA LLC CLEAN THE UNIFORM CO OKLAHOMA	003127 003128 003130 003090 003146 003149	53941-2185-7 53941-2185-8 2237619-1006-4 1805031D 50088534 50088534 50088534	020-5125-436.40-30 020-5125-436.40-30 020-5100-437.40-28 020-5415-435.40-28 020-5125-436.40-31 020-5120-437.40-31	586. 98 377. 40 600. 00 227. 58 82. 50 39. 60
		NAPA AUTO PARTS TI MMONS OIL COMPANY INC SUMMIT TRUCK GROUP OFFICE TEAM OKLAHOMA WATER RESOURCES BOARD ACCURATE ENVIRONMENTAL LLC REGIONAL METROPOLITAN UTILITY CUSTOM SERVICES HARRIS CORPORATION PSPC AMERICAN PUBLIC WORKS ASSOCIAT WASTE MANAGEMENT QUARRY LANDFI GEODECA LLC CLEAN THE UNIFORM CO OKLAHOMA TULSA HEALTH DEPARTMENT IMPERIAL INC. COVANTA ENERGY LLC TULSA'S GREEN COUNTRY STAFFING PETROLEUM TRADERS CORP	003158 003159 003161 003162 003163 003164 003164 003170 003170 003177	50087873 50087871 50085645 50088534 50088534 50088534 50088534 50088534 50088534 50088534 50088534 50088536	020-5410-435.40-31 020-5405-434.40-31 020-5405-434.40-31 020-5405-434.40-31 020-5130-437.40-31 020-5410-434.40-31 020-5415-435.40-31 020-5406-434.40-31 020-5100-437.40-33 020-1700-419.40-33 020-5120-437.40-33 020-5305-438.40-31 020-5305-438.40-31	14. 22 78. 70 68. 90 78. 70 9. 37 113. 16 75. 39 45. 81 15. 00 2. 25 25. 00 158. 33 2. 60 21. 22
9/30/2019 9/30/2019 9/30/2019 9/30/2019 9/30/2019	9539 9794 10039 10214 10233	TULSA HEALTH DEPARTMENT IMPERIAL INC. COVANTA ENERGY LLC TULSA'S GREEN COUNTRY STAFFING PETROLEUM TRADERS CORP	003124 003114 003083 003123 PI 3993	35500 35500 944441 252296CVTUL 73952 1459836	020-5410-435, 40-31 020-5400-434, 30-34 020-5305-438, 60-23 020-5125-436, 40-30 020-5125-436, 50-37 020-0000-141, 00-00	5,894.00 26.30 36,775.17 9,258.60 15,303.62

PROGRAM GM314L CLTY OF BROKEN ARROW

••••• FUND 020 BAMA
DATE VENDOR VENDOR VOUCHER INVOICE ACCOUNT
DUE NO NAME NO NO NO AMOUNT 9/30/2019 10360 JAVA DAVES EXECUTIVE COFFEE SE 003095 016775 020-5205-419.60-23 52.08 9/30/2019 10703 ACDC | NDUSTRIAL AUTOMATION 003076 | NV190568 020-5405-434.40-29 1,200.00 003077 | NV190547 020-5405-434.40-29 825.00 9/30/2019 11007 SOURCEONE 003118 15139 020-5305-438.40-28 3,117.00 9/30/2019 11332 STAND-BY PERSONNEL 003119 214985 020-5125-436.60-37 1,124.80 9/30/2019 11475 WALTERS MORGAN CONSTRUCTION | N PI 3905 12 020-5405-434.70-15 601,767.57 PI 3906 12 VENDOR PYMTS 020-5405-434.70-15 141,973.21-9/30/2019 11840 WEGENER WELDING LLC PI 4043 31398 020-5405-434.60-24 1,835.34 9/30/2019 TOTAL - 626,440.09 CUMULATI VE TOTAL - 1,729,359.24 NAPA AUTO PARTS
PI 4056 2210946023
PI 4059 2210946043
WHI TE STAR MACHI NERY & SUPPLY
OKLAHOMA NATURAL GAS CO
OKLAHOMA NATURAL GAS CO
OKLAHOMA MUNI CI PAL LEAGUE
AMERI CAN ELECTRI C POWER/ PSO
O3228 9520037750
O03231 9535157130
O03234 9579957130
O20-5400-434.50-25
O03234 9579957130
O20-5400-434.50-25
O20-5400-434.50-25
O20-5400-434.50-25
O3234 9579957130
O20-5400-434.50-25
O20-5400-434.50-25
O20-5400-434.50-25
O20-5400-434.50-25
O20-5400-434.50-25
O3233 9579897130
O20-5400-434.50-25
O3233 9579897130
O20-5400-434.50-25
O20-5400-434.50-25
O3234 9579957130
O20-5400-434.50-25
O3235 9579897130
O20-5400-434.50-25
O3236 O3234 9579957130
O20-5400-434.50-25
O3236 O3234 9579957130
O20-5400-434.50-25
O3236 O3234 9579957130
O20-5400-434.50-25
O320-5400-434.50-25
O320-10/02/2019 10/02/2019 10/02/2019 92 309 10/02/2019 319 OKLAHOMA MUNI CI PAL LEAGUE 10/02/2019 442 AMERI CAN ELECTRI C POWER/ PSO

CITY OF BROKEN ARROW

FUND 020 BAMA
DATE VENDOR VENDOR
DUE NO NAME DATE VENDOR VENDOR VOUCHER INVOICE ACCOUNT
DUE NO NAME NO NO NO AMOUNT 10/02/2019 625 FASTENAL COMPANY PI 3898 OKTU733205 020-0000-141.00-00 48.05 10/02/2019 1307 CI TY OF TULSA UTILITIES 003263 #0106727183 020-5405-434.40-93 17,329.96 003264 #0108291766 020-5405-434.40-93 3,598.88 10/02/2019 9818 5TH GEAR CYCLE PI 3899 60811 020-0000-141.00-00 41.97 10/02/2019 9892 GOODYEAR COMMERCIAL TI RE PI 3801 2541014973 020-0000-141.00-00 550.00 10/02/2019 10407 ALLI ANCE MAI NTENANCE I NC 003253 118783 020-1700-419.40-28 1,415.00 10/02/2019 11007 SOURCEONE 003291 15153 020-5305-438.40-28 2,525.00 10/02/2019 TOTAL - 28,307.99 CUMULATI VE TOTAL - 1,775,468.80 10/03/2019 90 NAPA AUTO PARTS PI 4061 2210946114 020-5410-435.60-20 9.92
10/03/2019 225 SUMMIT TRUCK GROUP PI 4003 411192390 020-0000-141.00-00 482.32
10/03/2019 9892 GOODYEAR COMMERCIAL TIRE PI 4002 2541014988 020-0000-141.00-00 526.00
10/03/2019 9999 MI SC-A/R REFUNDS UT 000154249 020-0000-225.01-00 116.97
UT 000154249 020-0000-225.01-00 14.097
10/03/2019 TOTAL - 1,776,618.07

PROGRAM	GM314L	
CITY OF	BROKEN	ARROW

FUND 020 BAMA DATE DUE	VENDOR NO	VENDOR NAME	VOUCHER NO	NO	ACCOUNT NO	AMOUNT
10/08/2019	37	ANCHOR STONE CO		192232509	020-5405-434.70-15	2, 706, 60
			003437	192232401	020-5405-434.70-15	
			003438	192215009	020-5405-434.70-15	408.49 1,919.74
			003439	192153201	020-5405-434.70-15	295 00
			003441	192153309	020-5405-434.70-15	1, 178. 71 17, 710. 05
			003592	192112209	020-5415-435.70-15	17, 710. 05
			003593	192173509	020-5415-435.70-15	17, 710, 05 28, 520, 93 42, 179, 01 12, 796, 87 153, 58 51, 19
			003599	192232609	020-5415-435.70-15	42, 179. 01
			003613	192288309	020-5415-435.70-15	12, 796. 87
10/08/2019	71	BROKEN ARROW ELECTRIC SUPPLY		S2557738001	020-5405-434.70-15	153.58
			003443	S2557277001	020-5405-434.70-15	51.19 252.91 793.41 13.56 509.54
		•	003444	S2565106001	020-5405-434.70-15	252.91
			003445	S2565906001	020-5405-434.70-15	793.41
10/08/2019	113	WAGONER COUNTY RURAL WATER #4		367100	020-5415-435.50-23	13.56
			003448	68500	020-5415-435.50-23	509.54
10/08/2019	133	UTILITY SUPPLY	003587	130843	020-5405-434.70-15	145.12
10/08/2019	176	TIMMONS OIL COMPANY INC	003573	BI 29592	020-5405-434.70-15	2,461.56
10/08/2019	193	ELLIOTT ELECTRIC SUPPLY	003458	1346426501	020-5405-434.70-15	44.00
			003459	1346452301	020-5405-434.70-15	510.67
			003460	1346457702	020-5405-434.70-15	215.06
			003461	1346461701	020-5405-434.70-15	1, 585. 89
			003462	1346476301	020-5405-434.70-15	54.75
			003464	1346478102	020-5405-434.70-15	314.01
			003465	1346478101	020-5405-434.70-15	250. 23
			003466	1346512801	020-5405-434.70-15	90.39
-			003468	1346508402	020-5405-434.70-15	1, 354. 00
			003469	1346508401	020-5405-434.70-15	33.78
			003472	1346478103	020-5405-434.70-15	137.70
			003474	1346508403	020-5405-434.70-15	13.43
			003475	1346596901	020-5405-434.70-15	600.31
			003476 003477	1346618701	020-5405-434.70-15	327. 47
			003477	1346620101 1346476302	020-5405-434.70-15 020-5405-434.70-15	49.37
			003479	1346642201	020-5405-434.70-15	26.74
		· ·	003481	1346652601	020-5405-434.70-15	102.34
			003481	1346652602	020-5405-434.70-15	162.34 375.49 570.00
			003483	1346476303	020-5405-434.70-15	25.44
			003484	1346476304	020-5405-434.70-15	20, 00
			003485	1346678601	020-5405-434.70-15	1, 465. 00
			003486	1346722601	020-5405-434.70-15	875, 00
			003488	1346756901	020-5405-434.70-15	400 44
			003489	1346764501	020-5405-434.70-15	764.86 410.05
10/08/2019	194	ELLIS CONST ACCESSORIES LTD	003455	213464	020-5405-434.70-15	410. 05
-	* *		003457	213357	020-5405-434,70-15	244.00
10/08/2019	205	FERGUSON WATERWORKS #1895	003588	0619228	020-5415-435.70-15	58, 940. 00
			003589	06192281		
			003591	06192282	020-5415-435.70-16	143, 140.00 547, 300.00 109, 460.00 15, 042.57 42, 100.00 25.260.00
			003600	06192283	020-5415-435.70-15	109, 460, 00
			003601	0625487	020-5415-435.70-15	15,042.57
			003603	06192284	020-5415-435.70-15	42,100.00

CLTY OF BROKEN ARROW

FUND 020 BAMA VOUCHER I NVOLCE ACCOUNT NO NO NO VENDOR DATE VENDOR DUE NO NAME AMOUNT

FUND 020 BAMA DATE DUE	VENDOR NO	VENDOR NAME	VOUCHER NO	I NVOI CE NO	ACCOUNT NO	AMOUNT
10/08/2019	6478	FORTILINE INC	003545	4714114	020-5405-434.70-15	483, 20
10/08/2019	6626	REXEL USA INC	003556	S125417184002	020-5405-434.70-15	85.81
			003557	S125757869001	020-5405-434.70-15	50.31
			003558	S125735757002	020-5405-434.70-15	85.81 50.31 168.92
			003559	S125504021001	020-5405-434.70-15	1, 327. 79
			003560	S125661333003	020-5405-434.70-15	35.91 149.06 197.41
			003561	\$125743272001	020-5405-434.70-15	149.06
			003562	\$125781579001	020-5405-434.70-15	149.06 197.41 4.26 176.82
			003563	S125827987001	020-5405-434.70-15	4. 26
4010010040	0040	THE HEA ATORE HAZA	003564	\$125735757001	020-5405-434.70-15	176. 82
10/08/2019	8018	THE UPS STORE #3764	003635	19691	020-5130-437.50-39	11.18
			003636	19744	020-5130-437.50-39	18.15
			003637	19803	020-5130-437.50-39	19.30
			003638 003639	19846	020-5130-437.50-39	40.00
			003640	19872 19897	020-5130-437.50-39 020-5130-437.50-39	40.00 48.04
10/08/2019	8242	H&E EQUIPMENT SERVICE	003547	94728480	020-5405-434.70-15	4. 26 176. 82 11. 18 18. 15 19. 30 46. 00 40. 88 16. 04 2, 094. 25
10/08/2019	9018	DOLESE BROS. CO.	003449	RM19043739	020-5405-434.70-15	220.00
107 007 2010	00.0	BOLLOL BINGO, GG.	003451	RM19044748	020-5405-434.70-15	4, 431. 00
			003452	RM19047592	020-5405-434.70-15	268. 75
			003453	RM19047919	020-5405-434.70-15	268.75 135.75
10/08/2019	9151	CLEAN THE UNIFORM CO OKLAHOMA		50090055	020-5305-438.40-31	155.05
			003471	50090055	020-5305-438.40-33	2 60
			003478	50089614	020-5115-437.40-31	39.60
10/08/2019	10283	FERGUSON ENTERPRISES, INC	003509	0625506	020-5405-434.70-15	39.60 403.36
			003511	0628088	020-5405-434.70-15	50.37
			003513	0624400	020-5405-434.70-15	784.77
			003517	0624442	020-5405-434.70-15	56.99 239.17 193.50 345.00
			003518	0627407	020-5405-434.70-15	239.17
			003520	7531133	020-5405-434.70-15	193.50
			003522	0622869	020-5405-434.70-15	345.00
			003525	0625622	020-5405-434.70-15	70. 24
			003527	0626624	020-5405-434.70-15	164.37
			003528	0627080	020-5405-434.70-15	51. 34
			003529 003530	06197391	020-5405-434.70-15	117.03
			003531	0624366	020-5405-434.70-15	130.00
			003531	0624747 0626957	020-5405-434.70-15 020-5405-434.70-15	1,700.35 386.59
			003532	7517441	020-5405-434.70-15	250.37
			003535	0627391	020-5405-434.70-15	70.94
			003538	0624631	020-5405-434.70-15	2, 132, 20
			003539	CM0575312	020-5405-434.70-15	163.79-
			003540	0627416	020-5405-434.70-15	494.78
			003541	0628040	020-5405-434.70-15	22 86
			003542	0626913	020-5405-434.70-15	536.64 145.68-
			003544	CM0575311	020-5405-434.70-15	145.68-
10/08/2019	11332	STAND-BY PERSONNEL	003634	215671	020-5125-436.50-37	917.60
10/08/2019	11558	TULSA RECYCLE & TRANSFER INC	003641	1909BA	020-5125-436.40-30	975, 29
10/08/2019	1 1 855	ENVIRO PRO US LLC	003626	5180291	020-5415-435.70-15	20, 304. 00
10/08/2019	11856	GEO- SOLUTIONS INC	003616	G99370	020-5415-435.70-15	42,696.27
10/08/2019	11859	BROWN MACHINERY CO INC	003446	218092	020-5405-434.70-15	1, 208. 32
						*

PREPARED 10/11/19, 10:43:58

ACCOUNTS PAYABLE BY FUND/ DUE DATE PROGRAM GM314L CLTY OF BROKEN ARROW

FUND 020 BAMA DATE DUE	VENDOR NO	VENDOR V NAME	OUCHER NO	1 NVOI CE NO	ACCOUNT NO	AMOUNT	
10/08/2019 10/08/2019	11860 11861	CRANE RENTAL ACME BRICK COMPANY	003447 003435	6559 FI NAL 11073380RI	020-5405-434,70-15 020-5405-434,70-15 10/08/2019 TOTAL - CUMULATIVE TOTAL -	309.92 1,285,033.11	
10/09/2019 10/09/2019 10/09/2019 10/09/2019 10/09/2019 10/09/2019 10/09/2019 10/09/2019 10/09/2019 10/09/2019 10/09/2019	241 309 4462 6347 6776 6789 7873 8165 8260 10214 11467	GRAND RIVER DAM AUTHORITY OKLAHOMA NATURAL GAS CO REGIONAL METROPOLITAN UTILITY COX COMMUNICATIONS SODER MECHANICAL INC GREEN COUNTRY TESTING KIVELL, RAYMENT AND FRANCIS, P. ONLINE INFORMATION SERVICES DATAPROSE INC TULSA'S GREEN COUNTRY STAFFING INTERNATIONAL RIGHT OF WAY ASS	003680 003681 003652 003654 003682 003674 003677 003679 003671 003684	423245 423245 066381301 066260701 65888 67638 1509.120 955521 DP1903102 DP1903102 74262	020-5100-437.50-22 020-5410-435.50-23 020-5405-434.40-29 020-5404-434.30-34 020-5215-419.30-87 020-0503-415.50-28 020-0503-415.50-28 020-0503-415.50-39 020-5125-436.50-37 020-5205-419.30-85 10/09/2019 TOTAL -	3, 226, 378. 63	
10/10/2019	7724 9151	WI NDSTREAM CLEAN THE UNIFORM CO OKLAHOMA	003725 003726 003727 003728 003729 003730 003731	2516970 25131445 2501858 3572456 3572503 3558761 3554226 0351000560 4554762 50089619	020-5400-434.50-22 020-5405-434.50-22 020-5410-435.50-22 020-5416-435.50-22 020-5415-435.50-22 020-5415-435.50-22 020-5415-435.50-22 020-5405-434.50-22 020-5405-435.50-22 020-5405-435.50-22 020-1700-419.40-33	44.40 40.23 40.23 40.23 277.12 191.88 3.40 955.19	
10/11/2019 10/11/2019	2227 11332	HAYNES EQUIPMENT CO STAND-BY PERSONNEL	003777 003776	8121925- I N 214985	CUMULATI VE TOTAL - 020-5415-435.70-15 020-5125-436.50-37 10/11/2019 TOTAL - CUMULATI VE TOTAL -	37, 941.00	* HELD *
10/15/2019	442	AMERICAN ELECTRIC POWER/PSO	000002 000326 000341 000931 001202 001900 004697 005276 005277 005278	9589441030 9572394130 9595686240 9515241030 9552921030 9591574610 9597631030 9504700320 9520493673 9528706400 9544731030	020-5125-436.50-37 10/11/2019 TOTAL - CUMULATI VE TOTAL - 020-51100-437.50-25 020-5415-435.50-25 020-5415-435.50-25 020-5415-435.50-25 020-5415-435.50-25 020-5415-435.50-25 020-5415-435.50-25 020-5415-435.50-25 020-5415-435.50-25 020-5415-435.50-25 020-5415-435.50-25 020-5415-435.50-25	1, 324.58 121.81 3, 836.90 1, 357.29 36.71 50.67 90.13 43.50 93.80 47.31 44.71	

CLTY OF BROKEN ARROW

25

FUND 020 BAMA VOUCHER I NVOI CE ACC DATE VENDOR VENDOR ACCOUNT DUE NO NAME NO NO NO NO AMOUNT

005282 9563338071 020-5415-435.50-25 147.16
005283 9565957711 020-5415-435.50-25 54.02
005284 9566631030 020-5415-435.50-25 48.06
005285 9567901211 020-5415-435.50-25 671.85
005291 9598068762 020-5415-435.50-25 124.31
005294 9523741030 020-5415-435.50-25 119.46
005295 9528041030 020-5415-435.50-25 57.38
005296 9540041030 020-5415-435.50-25 57.38
005303 9581731030 020-5415-435.50-25 77.31
005303 9581731030 020-5415-435.50-25 134.16
005304 9588531030 020-5415-435.50-25 134.16
005305 959433103 020-5415-435.50-25 134.16
005306 9593621030 020-5415-435.50-25 80.39
005306 9593621030 020-5415-435.50-25 80.39
005306 9593621030 020-5415-435.50-25 62.91
005936 9563531030 020-5415-435.50-25 62.91
005936 9563531030 020-5415-435.50-25 62.91
005936 95040921930 020-5415-435.50-25 62.91
005936 95040921930 020-5415-435.50-25 62.91
005936 95040921930 020-5415-435.50-25 62.91
005936 950540921930 020-5415-435.50-25 62.91
005936 950540921930 020-5415-435.50-25 62.91
005938 9564097251 020-5415-435.50-25 299.69
009138 9514708090 020-5415-435.50-25 37.61
009137 9514846980 020-5120-437.50-25 37.61
009139 9527441030 020-5120-437.50-25 3.008.24
009142 9574890770 020-5100-437.50-25 3.008.24
009142 9574890770 020-5410-435.50-25 3.008.24
009142 9574890770 020-5410-435.50-25 3.008.24
009142 9574890770 020-5410-435.50-25 3.008.24
009142 9574890770 020-5410-435.50-25 3.008.24
009142 9574890770 020-5410-435.50-25 3.008.24
009142 9574890770 020-5410-435.50-25 3.008.24 AMOUNT 003652 066381301 020-5100-437.50-22 663.54 003654 066260701 020-5410-435.50-23 98.99 11/08/2019 TOTAL - 762.53 FUND 020 TOTAL - 3,297,518.77 11/08/2019 6347 COX COMMUNICATIONS

PREPARED 10/11/19, 10:43:58 PROGRAM GM314L

ACCOUNTS PAYABLE BY FUND/ DUE DATE

CITY OF BROKE	N ARROW						
FUND 021 BAMA DATE DUE	N SALES TAX VENDOR NO	VENDOR NAME	VOUCHER NO	I NVOI CE NO	ACCOUNT NO	AMOUNT	
9/30/2019	6597	BANK OF OKLAHOMA N.A.	003079 003080	5113415 5113389	021-5410-475.83-02 021-5410-475.83-02 9/30/2019 TOTAL - FUND 021 TOTAL -	500.00 500.00 1,000.00 1,000.00	

PAGE

26