



City of Broken Arrow
Meeting Agenda
Broken Arrow Municipal Authority

Chairperson Craig Thurmond

Vice Chair Scott Eudey

Trustee Mike Lester

Trustee Johnnie Parks

Trustee Debra Wimpee

Monday, November 5, 2018

Council Chambers

AGENDA OF RESCHEDULED MEETING

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

1. Call to Order

2. Roll Call

3. Consideration of Consent Agenda

- A. [18-1136](#) Approval of Broken Arrow Municipal Authority Meeting Minutes of October 16, 2018

Attachments: [10-16-18-2018 BAMA Minutes](#)

- B. [18-1271](#) Acknowledgement of submittal of the Broken Arrow Municipal Authority's Wastewater Discharge Monitoring Report for the month of September 2018

Attachments: [September Discharge Monitoring Report](#)
 [September Monthly Operational Report](#)

- C. [18-1269](#) Acknowledgement of submittal of the Broken Arrow Municipal Authority's Water Supply Report for the month of September 2018

Attachments: [Total Water Report- September 2018](#)

- D. [18-1243](#) Approval of and authorization to purchase one (1) mid- size utility vehicle from John Vance Motors, pursuant to the Oklahoma Statewide Vehicle Contract, for the Utilities Department

Attachments: [State Contract 1000009364](#)

- E. [18-1245](#) Approval of and authorization to purchase one (1) ½ ton crew cab truck from Bob Howard Dodge, pursuant to the Oklahoma Statewide Vehicle Contract, for the Utilities Department

Attachments: [State Contract 1000009315](#)

- F. [18-1280](#) Award the most advantageous bid to Hach Company for the purchase of data management software for the Verdigris Water Treatment Plant
- Attachments:** [RFP 19.117](#)
- G. [18-1276](#) Approval of and authorization to execute Change Order CO1 for Construction Contract 1551425; Citywide Supervisory Control and Data Acquisition (SCADA) System
- Attachments:** [Change Order C01](#)
- H. [18-65](#) Approval of the Broken Arrow Municipal Authority Claims List for November 05, 2018
- Attachments:** [11-05-18 BAMA CL.pdf](#)

4. Consideration of Items Removed from Consent Agenda

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

6. General Authority Business -- NONE

7. Executive Session -- NONE

8. Adjournment

NOTICE:

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

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

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

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

City Clerk



City of Broken Arrow

Request for Action

File #: 18-1136, **Version:** 1

**Broken Arrow Municipal Authority
Meeting of: 11-05-2018**

Title:

Approval of Broken Arrow Municipal Authority Meeting Minutes of
October 16, 2018

Background:

Minutes recorded for the Broken Arrow Municipal Authority Meeting.

Cost: 3.04

Funding Source: City Clerk Operational Fund

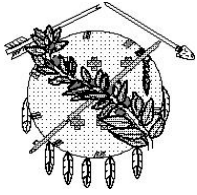
Requested By: Russell Gale, Assistant City Manager of Administration

Approved By: Michael L. Spurgeon, City Manager

Attachments: 10 16 18 BAMA Meeting minutes

Recommendation:

Approve the minutes of October 16, 2018 for the Broken Arrow Municipal Authority meeting.



City of Broken Arrow
Minutes
Broken Arrow Municipal Authority

City Hall
220 South 1st Street
Broken Arrow OK
74012

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

Tuesday, October 16, 2018

Council Chambers

1. Call to Order

Chairman Craig Thurmond called the meeting to order at approximately 8:14 p.m.

2. Roll Call

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

3. Consideration of Consent Agenda

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

MOTION: A motion was made by Mike Lester, seconded by Debra Wimpee.

Move to approve the Consent Agenda

The motion carried by the following vote:

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

- A. 18-1128 Approval of Broken Arrow Municipal Authority Meeting Minutes of October 2, 2018**
- B. 18-1208 Approval of and authorization to execute Contract Amendment No. 4 to the Agreement for Professional Consultant Services between Broken Arrow Municipal Authority and HDR Engineering, Inc. for the Rehabilitation of the Headworks at Lynn Lane Wastewater Treatment Plant Screening Improvements 165420 and Grit Removal Improvements 165423**
- C. 18-1181 Approval of and authorization to execute Amendment No. 4 to the Agreement for Professional Consultant Services with HDR Engineering, Inc. for on call professional services at the Verdigris Water Treatment Plant**
- D. 18-1192 Ratification of Regional Metropolitan Utility Authority (RMUA) Amendment No 1 with Holloway, Updike and Bellen, Inc. for Design of the Haikey Creek Operations and Maintenance Capital Equipment Replacements Project**
- E. 18-1162 Approval of and authorization to purchase one (1) 1/2 ton crew cab truck from Bob Howard Dodge, pursuant to the Oklahoma Statewide Vehicle Contract, for the Streets and Stormwater Department**
- F. 18-1163 Approval of and authorization to purchase one (1) ¾ ton crew cab truck from John Vance Auto Ford, pursuant to the Oklahoma Statewide Vehicle Contract, for the Streets and Stormwater Department**
- G. 18-1213 Approval of and authorization to execute a Change Order CO1 for Construction Contract 165420/165423; Lynn Lane Wastewater Treatment Plant Headworks Improvements**
- H. 18-62 Approval of the Broken Arrow Municipal Authority Claims List for October 16, 2018**

4. Consideration of Items Removed from Consent Agenda

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

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

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

6. General Authority Business

There was no General Authority Business.

7. Executive Session

There was no Executive Session.

8. Adjournment

The meeting adjourned at approximately 8:14 p.m.

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

Move to adjourn

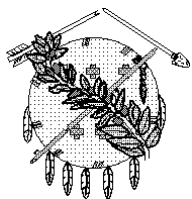
The motion carried by the following vote:

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

Attest:

Chairman

Secretary



City of Broken Arrow

Request for Action

File #: 18-1271, **Version:** 1

Broken Arrow Municipal Authority
Meeting of: 11-05-2018

Title:

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

Background:

In an effort to provide the Authority and the Public more information with respect to our community's wastewater collection and treatment at the city's Lynn Lane Wastewater Treatment Plant, the Utilities Department staff is attaching a copy of the September 2018 Oklahoma Department of Environmental Quality (ODEQ) Discharge Monitoring Report (DMR) submitted to ODEQ on October 15, 2018.

Over the course of the month of September 2018, the total wastewater collected, treated and discharged is 116.56 million gallons (MG). The average flow was 3.886 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: Michael L. Spurgeon, City Manager

Attachments: September Discharge Monitoring Report
September Monthly Operational Report

Recommendation:

Acknowledgement of submittal of the Monthly Discharge Monitoring Report.

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

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

PERMIT NUMBER: OK0040053
MONITORING POINT: 001A

COUNTY: Tulsa

Monitoring Period: 2018-09-01 To: 2018-09-30

NO DISCHARGE FROM SITE: ()

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
		Average	Maximum		Minimum	Average	Maximum				
BOD, 5-DAY (20 DEG. C)	Sample Measurement	154.88	*****	26 lbs/day	*****	9.86	12.40	19 mg/l	0	Five Per Week	COMP12
PARAM CODE: 00310 Stage Code: 1 Effluent Gross	Permit Requirement	2001.6 Monthly Average	*****		*****	30 Monthly Average	45 Weekly Average			Five Per Week	COMP12
PH	Sample Measurement	*****	*****		7.2	*****	7.6	12 S.U.	0	Daily	GRAB
PARAM CODE: 00400 Stage Code: 1 Effluent Gross	Permit Requirement	*****	*****		6.5 Minimum	*****	9.0 Maximum			Daily	GRAB
SOLIDS, TOTAL SUSPENDED	Sample Measurement	106.48	*****	26 lbs/day	*****	6.24	15.40	19 mg/l	1	Five Per Week	COMP12
PARAM CODE: 00530 Stage Code: 1 Effluent Gross	Permit Requirement	2001.6 Monthly Average	*****		*****	30 Monthly Average	45 Weekly Average			Five Per Week	COMP12
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	Sample Measurement	2.772	4.474	03 MGD	*****	*****	*****		0	Daily	TOTALZ
PARAM CODE: 50050 Stage Code: 1 Effluent Gross	Permit Requirement	Report Monthly Average	Report Maximum Daily		*****	*****	*****			Daily	TOTALZ
CHLORINE, TOTAL RESIDUAL	Sample Measurement	*****	*****		*****	*****	< 0.03	19 mg/l	0	Daily	GRAB
PARAM CODE: 50060 Stage Code: A Disinfection, Process Complete	Permit Requirement	*****	*****		*****	*****	0.099 Instantaneous Maximum			Daily	GRAB
E.COLI	Sample Measurement	*****	*****		*****	3.1	19.0	30 MPN/100mL	0	Twice Every Week	GRAB
PARAM CODE: 51040 Stage Code: 1 Effluent Gross	Permit Requirement	*****	*****		*****	126 Geometric Mean	406 Maximum Daily			Twice Every Week	GRAB
SOLIDS, TOTAL DISSOLVED-180 DEG.C	Sample Measurement	10456	*****	26 lbs/day	*****	450	450	19 mg/l	0	Monthly	COMP12
PARAM CODE: 70300 Stage Code: 1 Effluent Gross	Permit Requirement	77929 Monthly Average	*****		*****	1168 Monthly Average	1168 Maximum Daily			Monthly	COMP12
Name/Title of Principal Executive Officer Or Authorized Agent		I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.						Signature of Principal Executive Officer Or Authorized Agent		Telephone No	
WWTP Mgr.								David Handy		918-455-4762	
COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)											

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

PERMITTEE NAME: Broken Arrow, City of
MAILING ADDRESS: NESES11T17NR14EIM
Broken Arrow, OK 74013
FACILITY: Broken Arrow WWT
LOCATION: NESES11T17NR14EIM
Broken Arrow, OK 74013

PERMIT NUMBER: OK0040053

MONITORING POINT: 001A

COUNTY:

Tulsa

Monitoring Period: 2018-09-01 To: 2018-09-30

NO DISCHARGE FROM SITE: ()

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type	
		Average	Maximum		Minimum	Average	Maximum					
MERCURY, TOTAL (AS HG)	Sample Measurement	0.0012	*****	26 lbs/day	*****	< 0.05	< 0.05	28 ug/l	0	Monthly	COMP12	
PARAM CODE: 71900	Permit Requirement	0.0635	*****		*****	0.952	1.9		Monthly Average	Maximum Daily	Monthly	COMP12
Stage Code: 1		Monthly Average										
Effluent Gross												
Name/Title of Principal Executive Officer Or Authorized Agent		I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.						Signature of Principal Executive Officer Or Authorized Agent		Telephone No		
WWTP Mgr.								David Handy		918-455-4762		

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



MONTHLY OPERATIONAL REPORT

City of Broken Arrow Lynn Lane Wastewater Treatment Facility

September-18

		WEATHER			INFLUENT							OXIDATION DITCH					SLUDGE				FINAL EFFLUENT														STREAM SURVEILLANCE															
Date	Day	°F	Rain	Cloud Conditions	Flow (MGD)	RAS (MGD)	°C	pH	Alk.	Sett. Solids	TSS (mg/L)	BOD (mg/L)	D.O. (mg/L)	30 Min. Settlt.	SVI (ml/gm)	MLSS (mg/L)	Sl. Age (Days)	WAS (MGD)	CAKE (%)	LANDFILL (Tons)	LANDFILL (D.M. Tons)	°C	D.O. (mg/L)	TDS (mg/L)	TDS (lbs)	pH	Alk.	TSS (mg/L)	TSS (lbs)	BOD (mg/L)	BOD (lbs)	Hg	Hg (lbs.)	E.Coli	Cl2 Res	Flow (MGD)	°C Upstr.	°C Dnstr.	D.O. Upstr.	D.O. Dnstr.	pH Upstr.	pH Dnstr.	App. Upstr.	App. Dnstr.	Fec. Coli. Upstr.	Fec. Coli. Dnstr.	Hrdss.			
1	Sat	93	0.00	clear	3.661	3.253	23	7.4	275	20			0.0	270				0.219			0.00	26	6.5			7.5	166		0.00		0.00				0.03	2.596														
2	Sun	91	0.00	clear	3.522	3.054	23	7.5	285	20			0.1	300				0.209			0.00	26	6.6			7.5	145	3.00	64.43	7.00	150.33				0.03	2.575														
3	Mon	89	0.00	clear	3.565	2.769	24	7.5	263	19	238	265	0.1	270			0	0.180			0.00	23	6.7			7.6	138	2.00	42.08	5.00	105.21				0.03	2.523														
4	Tue	86	0.00	cloudy	4.025	2.664	24	7.5	340	19	300	351	0.1	250	100	2,510	8	0.177	19	42.75	7.88	25	7.0			7.5	174	2.00	47.12	8.00	188.48			19.0	0.03	2.825														
5	Wed	89	0.36	cloudy	3.901	2.776	24	7.5	410	20	278	359	0.1	250	114	2,190	8	0.179	18	36.26	6.33	25	6.9	450	10,456	7.6	216	3.00	69.71	8.00	185.88	0.00005	0.0012	1.0	0.03	2.786														
6	Thur	86	0.06	cloudy	3.699	2.873	24	7.6	423	20	338	414	0.1	250	84	2,970	10	0.201	19	18.73	3.45	25	6.9			7.6	235	5.00	110.17	15.00	330.51				0.03	2.642														
7	Fri	84	0.00	cloudy	4.814	2.690	24	7.4	260	15	620	421	0.0	280	91	3,070	4	0.195	19	18.81	3.47	25	7.0			7.5	188		0.00		0.00				0.03	3.341														
8	Sat	72	0.02	cloudy	3.702	3.197	24	7.4	290	16			0.1	360				0.227			0.00	24	6.6			7.6	166		0.00		0.00				0.03	2.670														
9	Sun	70	0.00	cloudy	3.722	2.827	24	7.5	291	18			0.0	320				0.214			0.00	25	6.7			7.5	169	3.00	66.63	5.00	111.05				0.03	2.663														
10	Mon	81	0.00	cloudy	3.957	2.779	24	7.6	354	20	188	222	0.2	370	144	2,570	14	0.200	35		0.00	21	7.1			7.3	175	3.00	69.33	8.00	184.88				0.03	2.771														
11	Tue	83	0.00	clear	3.758	3.303	24	7.4	268	15	346	377	0.2	470	171	2,750	8	0.220	22	43.70	9.33	24	7.0			7.4	205	3.00	67.05	7.00	156.46			2.0	0.03	2.680														
12	Wed	83	0.00	cloudy	3.730	3.050	24	7.5	354	18	298	312	0.2	550	188	2,920	11	0.133	21	38.93	7.93	24	6.9			7.5	201	3.00	66.18	6.00	132.36			1.0	0.03	2.645														
13	Thur	88	0.00	clear	3.663	3.316	25	7.5	369	18	142	169	0.2	480	173	2,770	21	0.227	18	19.06	3.33	24	7.0			7.5	211	3.00	64.80	7.00	151.20				0.03	2.590														
14	Fri	93	0.00	clear	3.716	3.432	24	7.3	244	18	328	345	0.2	340	132	2,579	8	0.232	18	20.84	3.64	24	6.8			7.5	202		0.00		0.00				0.03	2.632														
15	Sat	94	0.00	clear	3.495	3.319	24	7.4	274	15			0.2	300				0.240			0.00	25	6.6			7.4	181		0.00		0.00				0.03	2.496														
16	Sun	94	0.00	clear	3.656	3.311	24	7.5	281	15			0.2	440				0.233			0.00	24	6.7			7.4	187	3.00	65.88	11.00	241.55				0.03	2.633														
17	Mon	95	0.00	p. cloudy	3.803	3.207	24	7.5	258	15	337	299	0.0	400	156	2,560	8	0.147	16		0.00	24	6.8			7.4	167	4.00	90.91	9.00	204.54				0.03	2.725														
18	Tue	95	0.00	clear	3.578	2.818	24	7.4	262	15	331	360	0.0	500	195	2,560	9	0.123	18	37.33	6.52	24	6.9			7.4	183	7.00	151.96	14.00	303.93			5.0	0.03	2.603														
19	Wed	96	0.00	clear	3.670	3.171	24	7.4	252	16	334	373	0.1	530	201	2,640	9	0.218	18	18.68	3.26	24	6.9			7.5	207	5.00	108.38	15.00	325.13			5.0	0.03	2.599														
20	Thur	94	0.00	p. cloudy	3.591	3.152	24	7.4	242	18	351	369	0.1	440	179	2,460	8	0.237	18	33.78	5.90	25	6.8			7.5	201	3.00	64.20	11.00	235.40				0.03	2.566														
21	Fri	80	4.20	cloudy	3.574	3.375	24	7.4	257	17	278	330	0.1	450	170	2,650	11	0.222	18	31.39	5.48	24	6.8			7.5	185		0.00		0.00				0.03	2.573														
22	Sat	73	0.06	cloudy	6.466	5.010	23	7.4	223	11			1.8	280				0.231			0.00	23	7.3			7.2	90		0.00		0.00				0.03	4.474														
23	Sun	76	0.00	cloudy	4.736	5.207	23	7.4	276	9			1.4	200				0.219			0.00	23	7.2			7.3	126	63.00	1777.50	29.00	818.21				0.03	3.383														
24	Mon	81	0.00	cloudy	3.998	3.737	24	7.6	323	13	192	220	0.2	200	93	2,160	11	0.212			0.00	23	5.9			7.2	151	7.00	166.09	12.00	284.73				0.03	2.845	PARTIAL WEEKLY AVG.NO.'s													
25	Tue	90	0.00	p. cloudy	4.012	3.541	23	7.4	260	13	278	310	0.1	250	120	2,090	7	0.241	15	36.02	5.24	24	7.0			7.3	166	2.00	49.11	6.00	147.32			1.0	0.03	2.944	Date	Week No.	TSS	BOD										
26	Wed	66	0.00	cloudy	3.932	3.442	23	7.6	307	17	218	270	0.0	300	122	2,460	11	0.138	18	70.36	12.29	23	7.1			7.5	183	2.00	46.44	7.00	162.53			8.0	0.03	2.784														
27	Thur	77	0.00	clear	3.758	3.515	23	7.7	328	17	332	322	0.1	280	124	2,250	7	0.246	18	38.40	6.71	22	7.4			7.5	181	3.00	68.68	8.00	183.15				0.03	2.745														
28	Fri	78	0.00	cloudy	3.643	4.005	23	7.7	359	15	238	337	0.2	270	134	2,020	9	0.225	19	33.80	6.23	23	7.2			7.4	179		0.00		0.00				0.03															



City of Broken Arrow

Request for Action

File #: 18-1269, **Version:** 1

Broken Arrow Municipal Authority
Meeting of: 11-05-2018

Title:

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

Background:

In an effort to provide the Authority and the Public more information with respect to our community's water usage, the Utilities Department Staff has prepared a Total Water Supply Report that records total daily water usage, as well as monthly water volume delivered to the community.

Over the course of the ninth month of the year, the Maximum Water Plant Production Day was 19.3 million gallons per day (MGD) recorded on July 11, 2018. The Average Day usage through the end of September is 13.0 MGD. Total water treated at the plant up to the end of September is 388.6 million gallons (MG). Total water purchased from Tulsa for the month of September is 7.0 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: Michael L. Spurgeon, City Manager

Attachments: Total Water Report-September 2018

Recommendation:

Acknowledge submittal of the Monthly Water Usage Report.

Total Water Usage - 2018												
Day\Mon	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	10.8	9.1	7.4	8.5	10.5	13.4	12.5	14.0	14.3			
2	8.6	7.9	8.4	7.7	11.3	14.0	15.5	14.4	13.7			
3	8.6	8.7	8.3	9.3	8.1	15.7	17.7	16.6	15.5			
4	10.9	9.2	7.6	9.4	9.3	15.2	17.9	16.1	13.9			
5	7.8	8.1	9.3	7.9	10.6	15.1	16.3	16.0	13.5			
6	9.1	8.3	8.0	8.7	11.3	16.8	16.0	16.4	11.1			
7	9.0	8.5	8.7	8.2	12.2	13.1	14.6	14.0	10.8			
8	9.0	8.5	8.8	7.8	13.0	12.7	14.8	11.8	10.7			
9	9.0	9.6	8.3	10.0	13.3	14.2	14.2	13.7	11.2			
10	8.3	7.7	9.3	8.4	13.5	15.6	16.9	13.6	13.4			
11	8.2	9.0	8.0	9.9	14.2	16.1	19.3	13.5	11.5			
12	8.8	8.2	8.9	11.1	13.6	12.5	16.0	13.1	14.0			
13	9.5	9.0	8.6	8.1	14.4	11.6	17.5	12.6	13.5			
14	9.6	8.5	8.3	9.2	15.2	15.1	15.7	10.2	14.5			
15	7.9	9.4	10.1	9.5	11.8	15.7	13.8	11.4	14.2			
16	8.2	9.8	9.0	9.5	12.5	16.7	14.6	10.2	15.3			
17	11.0	8.1	10.1	11.0	10.6	15.7	13.7	10.4	15.5			
18	8.4	9.1	8.2	10.4	13.7	17.8	14.2	11.7	15.3			
19	8.9	7.8	9.5	10.5	13.3	14.4	16.6	10.6	15.1			
20	9.9	8.7	8.3	10.6	11.9	14.9	17.5	10.3	14.8			
21	8.3	7.8	9.3	8.2	11.8	14.6	17.5	11.0	11.7			
22	10.3	7.0	10.2	9.2	13.7	15.8	16.9	8.9	11.3			
23	8.2	9.1	10.2	8.9	13.9	12.2	16.3	13.2	10.2			
24	8.9	7.5	9.0	10.3	12.5	11.9	16.7	14.1	11.8			
25	8.7	8.9	9.8	8.5	14.1	12.1	16.7	13.6	11.2			
26	9.2	8.9	8.1	8.5	14.3	12.9	15.9	14.7	12.2			
27	8.9	7.2	8.1	10.4	15.8	15.7	14.3	16.2	11.2			
28	9.5	8.6	9.4	9.2	16.8	17.2	13.7	14.4	12.7			
29	9.8		7.8	11.0	15.8	17.3	12.6	15.3	11.7			
30	7.9		8.9	12.0	12.1	17.4	13.5	15.4	12.8			
31	9.1		9.4		11.3		11.2	15.9				
Mon. Total	280.3	238.2	273.3	281.9	396.4	443.4	480.6	413.3	388.6			
Plant Avg. Day	9.0	8.5	8.8	9.4	12.8	14.8	15.5	13.3	13.0			
Monthly Purchase	1.2	1.0	0.4	0.2	0.3	0.8	24.6	20.5	7.0			
Total Month	281.5	239.2	273.7	282.1	396.7	444.2	505.2	433.8	395.6			
Total Avg. Day	9.1	8.5	8.8	9.4	12.8	14.8	16.3	14.0	13.2			

Verdigris Finished Water (MG):	3,196.0	Plant Annual Max. Day (MGD):	19.3
Tulsa Purchase Water (MG) ⁽¹⁾ :	56.0	Plant Annual Avg. Day (MGD):	11.7
Total Finished Water (MG):	3,252.0	Plant Annual Min. Day (MGD):	7.0
		Total System Annual Avg. Day (MGD):	11.9

Notes:

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



City of Broken Arrow

Request for Action

File #: 18-1243, Version: 1

**Broken Arrow Municipal Authority
Meeting of: 11-05-2018**

Title:

Approval of and authorization to purchase one (1) mid- size utility vehicle from John Vance Motors, pursuant to the Oklahoma Statewide Vehicle Contract, for the Utilities Department

Background:

The Utilities Department has budgeted for the purchase of one mid-size utility vehicle for the Utilities Director.

The vehicle will be purchased under the Oklahoma Statewide Contract. All State Departments, Boards, Commissions, Agencies and Institutions as well as Counties, School Districts and Municipalities may purchase vehicles from this contract.

Base pricing and selected options for the mid-size utility vehicle are reflected in the attached bid tabulation. The bid tabulation includes all vendors submitting bids under this contract. Utilities Department recommends the state bid from John Vance Motors for one Dodge Durango as the most advantageous bid.

Cost: \$ 25,430

Funding Source: BAMA

Requested By: Charles Vokes, Utilities Director

Approved By: Michael L. Spurgeon, City Manager

Attachments: State Contract 1000009364

Recommendation:

Approve the purchase of one mid size utility vehicle from John Vance Motors pursuant to the Oklahoma Statewide Contract.

Mid Size Utility Vehicle 3.6 Liter or Greater

State Contract 1000009364

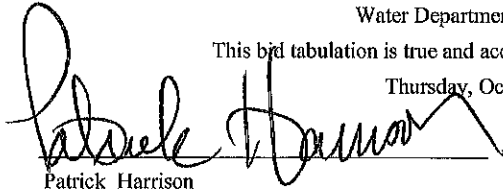
Expires 11/14/2018

	Vendor		John Vance Motors	Carter Chevrolet	Bill Knight Ford
	Specification		2019 Dodge Durango SXT	2019 Chevrolet Traverse	2019 Ford Explorer
Item Number	Item	Qty.	Each Price	Each Price	Each Price
	Mid Size Utility Vehicle 3.6 Liter or Greater	1	\$24,105.00	\$24,697.00	\$25,259.00
1 2	Options				
	Add Four Wheel Drive	1	\$1,077.00	\$1,997.00	\$2,192.00
	Add Additional Key	1	\$248.00	\$150.00	\$48.00
	Total		\$25,430.00	\$26,844.00	\$27,499.00
	Delivery		120 days	120 days	120 days
	Warranty Bumper to bumper		3yr/36K	3yr/36K	3yr/36K
	Warranty Drive train		5yr/100K	5yr/100K	5yr/60K
	Notes				

Water Department Project 195406

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

Thursday, October 18, 2018



Patrick Harrison

Purchasing Manager



City of Broken Arrow

Request for Action

File #: 18-1245, Version: 1

**Broken Arrow Municipal Authority
Meeting of: 11-05-2018**

Title:

Approval of and authorization to purchase one (1) ½ ton crew cab truck from Bob Howard Dodge, pursuant to the Oklahoma Statewide Vehicle Contract, for the Utilities Department

Background:

The Utilities Department has budgeted for the purchase of one ½ ton crew cab truck for the Sewer Division.

The vehicle will be purchased under the Oklahoma Statewide Contract. All State Departments, Boards, Commissions, Agencies and Institutions as well as Counties, School Districts and Municipalities may purchase vehicles from this contract.

Base pricing and selected options for the ½ ton crew cab truck are reflected in the attached bid tabulation. The bid tabulation includes all vendors submitting bids under this contract. Utilities Department recommends the state bid from Bob Howard Dodge for one Dodge Ram 1500 crew cab as the most advantageous bid.

Cost: \$ 28,191

Funding Source: BAMA

Requested By: Charles Vokes, Utilities Director

Approved By: Michael L. Spurgeon, City Manager

Attachments: State Contract 1000009315

Recommendation:

Approve the purchase of one ½ ton crew cab truck from Bob Howard Dodge pursuant to the Oklahoma Statewide Contract.

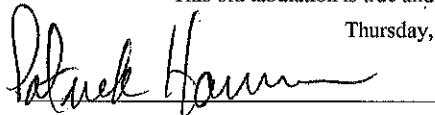
1/2 Ton Truck Crew Cab
State Contract 1000009315
Expires 11/14/2018

	Vendor		Bob Howard Dodge	Bill Knight Ford	Vance Chevrolet
	Specification		2019 Ram 1500 Series Crew Cab	2019 Ford F-150 Crew Cab	2019 Chevrolet Silverado 1500 Crew Cab
Item Number	Item	Qty.	Each Price	Each Price	Each Price
	1/2 Ton Truck Crew Cab	1	\$23,627.00	\$26,059.00	\$25,478.00
	Options				
1	Add Four Wheel Drive w/Skid Plates	1	\$2,550.00	\$2,495.00	\$3,330.00
2	Add Limited Slip/Locking Diff	1	\$425.00	\$387.00	\$395.00
3	Add Black Side Steps	1	\$499.00	\$231.00	\$390.00
4	Add Additional Keys	1	\$325.00	\$85.00	\$89.00
5	Add Deep Tinted Glass	1	\$298.00	\$185.00	\$225.00
6	Add Bucket Seats with Console	1	\$78.00	\$272.00	n/a
7	Add All Terrain Tires	1	\$240.00	\$272.00	\$375.00
8	Add Hitch, Wiring, Receiver	1	\$149.00	\$95.00	\$375.00
	Total		\$28,191.00	\$30,081.00	\$30,657.00
	Delivery		120 days	120 days	120 days
	Warranty Bumper to bumper		3yr/36K	3yr/36K	3yr/36K
	Warranty Drive train		5yr/100K	5yr/60K	5yr/100K

Sewer Project 195417

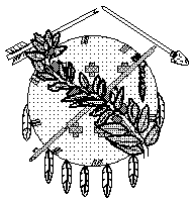
This bid tabulation is true and accurate to the best of my knowledge

Thursday, October 18, 2018



Patrick Harrison

Purchasing Manager



City of Broken Arrow

Request for Action

File #: 18-1280, **Version:** 1

Broken Arrow Municipal Authority
Meeting of: 11-05-2018

Title:

Award the most advantageous bid to Hach Company for the purchase of data management software for the Verdigris Water Treatment Plant

Background:

The Water Information Management Solution (WIMS) from Hach Company will allow the water treatment plant to process data and store it into one central, secure database for easy monitoring. The water treatment plant currently has two independent systems that provide information to the operator. WIMS will also consolidate all data into one location and allow easy generation of trends, graphs and regulatory reports.

Funds totaling \$100,000 were budgeted in the Broken Arrow Municipal Authority capital outlay fund for software.

City Purchasing Department solicited bids for the data management software from ten (10) vendors and received two (2) bid proposals. Staff reviewed the bids and found the bid from Global Solutions did not meet all of our specifications as their software is for document management and we require data management. Staff recommends award to Hach Company for data management software.

Cost: \$ 57,380

Funding Source: BAMA Capital Outlay

Requested By: Charles Vokes, Utilities Director

Approved By: Michael L. Spurgeon, City Manager

Attachments: RFP 19.117

Recommendation:

Award the most advantageous bid to Hach Company for the purchase of data management software.

RFP 19.117

Data Management Software

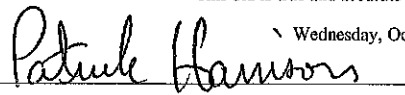
Bid Date: 10/10/2018

Item		Global Solutions	Hach Company
Specification		Data Management Software	Data Management Software
Data Management Software			
Total		\$40,790.00	\$57,380.00
Meet Specs.		N	Y
Notes:		Does not interface w/SCDA, Their software is for document management & we require data management	

Water Plant Project 195407 Bid sent out to 10 vendors

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

Wednesday, October 10, 2018



Patrick Harrison

Purchasing Manager



City of Broken Arrow

Request for Action

File #: 18-1276, Version: 1

**Broken Arrow Municipal Authority
Meeting of: 11-6-2018**

Title:

Approval of and authorization to execute Change Order CO1 for Construction Contract 1551425; Citywide Supervisory Control and Data Acquisition (SCADA) System

Background:

The BAMA received Oklahoma Eater Resources Board Loan (OWRB) No. FAP-16-0001-L for implementation for a Supervisory Control and Data Acquisition (SCADA) system in 2016. Alan Plumber and Associates, LP was selected to design a system for monitoring and control of 29 wastewater lift stations and 3 water booster station, and improvements to the plant control systems at Lynn Lane Wastewater Treatments Plant. The design was complete in October 2017, and the project was advertised for bids on October 24 and 31, 2017. The contract was awarded to the lowest responsible bid of \$1,559,028.00 for the base bid and alternative no. 1 to Prime Controls, LP. OWRB approved the contract award on December 7, 2017. Notice to Proceed for the project was issued February 8, 2018.

This Change Order #1 addresses the following additions to the contract:

CO1-1: The contractor is to install a new fully assembled enclosure with an M221 CPU and OIT assembly at the Greenbriar Pump Station. This change is due to a requested upgrade to the existing PLC for the pump station that will not be compatible with the new system being installed. This work was summarized and directed through RFI#17 of the project and is attached within. The below costs is inclusive of materials, labor, insurance & bonds, and all applicable markups such to produced a complete in place product.

CO1-2: Due to conflicts of the installation of new PLC in CO1-1 as well as some field adjustments required by Utilities department, the contractor is to remove and relocate the previously installed electrical/controls rack at the Greenbriar Pump Station. The location of the revised placement of the rack is to be directed by the project CA. The below costs are inclusive of materials, labor, insurance & bond, and all applicable markups such to produce a complete in place product.

CO1-3: During construction it was discovered that the specified Cradlepoint 1150 radios are no longer available for purchase and have been discontinued. In lieu of this item, the contractor is to purchase and implement in its place the newer model Cradlepoint IBR9000 system. This work was summarized and directed through RFI#18 of the project and is attached within. The below costs is inclusive of the increased differential costs between the original system and the newer upgraded system.

Total Number of Days Added by this Change Order:

- In response to the noted unforeseen project related issues in CO1-1, CO1-2, & CO1-3, the contract is to be extended by 45 days due to rework, lead-times on materials, and additional work/labor. The revised contract time shall be increased from 420 days to 465 days.

The additional cost associated with these changes is as follows:

Previous Change Orders:	\$0
This Change Order:	\$26,093.03
Total Cost of Change Orders:	\$26,093.03
Original Contract Amount:	\$1,559,028.00
Revised Contract Amount:	\$1,585,121.03
Percent Change in Contract:	1.67%
Applicable to Comp. Bid Act:	1.67%

Cost: \$26,093.03

Funding Source: OWRB FAP Loan - FAP-16-0001-L

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

Approved By: Michael L. Spurgeon, City Manager

Attachments: 155425 Contract Change Order CO1

Recommendation:

Approve and execute Change Order CO1 for the construction contract 155425; Citywide SCADA System

Contract Change Order # 1

Project Name: <u>City Wide SCADA System</u>	Project Number: <u>155425</u>
Project Location: <u>City Wide - Various Locations</u>	Date of Application: <u>Wednesday, October 31, 2018</u>
Contractor: <u>Prime Controls</u>	Submitted By: <u>Ricky Ellis</u>

Summary of Change in Scope of Work

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

Change of Work Items Included in this Change Order:

The contractor is to install a new fully assembled enclosure with an M221 CPU and OIT assembly at the Greenbriar Pump Station. This change is due to a requested upgrade to the existing PLC for the pump station that will not be compatible with the new system being

- 1) installed. This work was summarized and directed through RFI#17 of the project and is attached within. The below costs is inclusive of materials, labor, insurance & bonds, and all applicable markups such to produced a complete in place product.

Due to conflicts of the installation of new PLC in CO1-1 as well as some field adjustments required by Utilities department, the contractor is to remove and relocate the previously installed electrical/controls rack at the Greenbriar Pump Station. The location of the revised

- 2) placement of the rack is to be directed by the project CA. The below costs are inclusive of materials, labor, insurance & bond, and all applicable markups such to produce a complete in place product.

During construction it was discovered that the specified Cradlepoint 1150 radios are no longer available for purchase and have been discontinued. In lieu of this item, the contractor is to purchase and implement in its place the newer model Cradlepoint IBR9000 system.

- 3) This work was summarized and directed through RFI#18 of the project and is attached within. The below costs is inclusive of the increased differential costs between the original system and the newer upgraded system.

Change in Contractual Project Time:

In response to the noted unforeseen project related issues in CO1-1, CO1-2, & CO1-3, the contract is to be extended by 45 days due to rework, lead-times on materials, and additional work/labor. The revised contract time shall be increased from 420 days to 465 days.

Plan Sheets or Additional Documents Attached: ☒ Yes ☐ No ☒ Other: Prime Controls Cost Proposals & RFI's

Work Order Quantities

Item#	(Spec)	Item Description	Units	Price	Quantity	Total Amount
CO1-1	NA	Greenbriar PLC Replacement	LS	\$ 15,777.37	1	\$ 15,777.37
CO1-2	NA	Greenbriar Rack Relocation	LS	\$ 1,520.73	1	\$ 1,520.73
CO1-3	NA	Cradlepoint System Upgrade	LS	\$ 8,794.93	1	\$ 8,794.93

Total Change Cost: \$ 26,093.03

Summary of Project Costs

Total Previous Change Orders:	\$ -	Original Contract Amount:	\$ 1,559,028.00
Current Change Order:	\$ 26,093.03	Amended Contract Amount:	\$ 1,585,121.03
Total Cost of Change Orders:	\$ 26,093.03	Percent Change in Contract:	1.67%
Total Cost Applicable to CBA:	\$ 26,093.03	Percent Change Applicable to CBA:	1.67%

**Public Contract
Application for
Contractual Changes**

Engineering and Construction Department
485 N. Poplar, Broken Arrow, OK 74012
Fax: 918-259-8453 Office: 918-259-7000

Change Order Authorization

Change Order # <u>1</u>	in the sum of: \$ <u>26,093.03</u>	has been reviewed by all parties and is recommended for approval by:	
Contractor Submitting Change Order:	<u>Ricky Ellis</u> <small>Name</small>	<u>R. Ellis</u> <small>Signature</small>	<u>10/31/18</u> <small>Date</small>
Construction Division Manager:	<u>Timothy S Robins, PE</u> <small>Name</small>	<u>[Signature]</u> <small>Signature</small>	<u>10/31/18</u> <small>Date</small>
Director of Engineering & Construction:	<u>Alex Mills, PE</u> <small>Name</small>	<u>[Signature]</u> <small>Signature</small>	<u>10/31/18</u> <small>Date</small>
Assistant City Manager - Operations:	<u>Kenneth D Schwab, PE</u> <small>Name</small>	<u>Kenneth D. Schwab</u> <small>Signature</small>	<u>11-02-18</u> <small>Date</small>
City Manager:	<u>Michael Spurgeon</u> <small>Name</small>	 <small>Signature</small>	 <small>Date</small>

This Change is Executed Through:

- ☐ This change to the contract documents is authorized by the City Manager's authority in accordance with the applicable state statutes and COBA Code of Ordinances.
or
☒ This change to the contract documents was approved at the City Council BAMA meeting held on Tuesday, November 6, 2018



1725 Lakepointe Drive, Lewisville TX 75057
(972) 221-4849 Phone
(972) 420-4842 Fax

Change Order Request

Date: September 10, 2018

To: City of Broken Arrow
Attn: Tim Robins
Project Name: City of Broken Arrow SCADA Replacement
Contract No.: 155425
Subject: Pump Station 3 (Greenbriar) PLC
Change Order Request No.: 1851009-01

Source: RFI # 17 Response

Tim,

Prime Controls is pleased to offer our cost proposal for a new fully assembled enclosure with M221 CPU & OIT as RFI # 17 response (attached).

Scope of Work

1. Provide & install a fully assembled enclosure with M221 CPU & OIT

Sub-Total Cost Breakdown

Materials	\$	5,376.25
Labor	\$	8,966.80
Markup (10%)	\$	1,434.31
Total		\$15,777.37

Clarifications

1. Prior to commencement of work, Prime Controls requests an executed copy of this change order request. We expect this change will be accepted in a timely manner. Prime Controls is not liable for schedule delays associated with this change in the scope of work.

Schedule

Number of additional calendar days requested for this change proposal from the date of notice to proceed.

20

Proposal Approval

Approved By: _____

Date: _____

Should you have any questions regarding this change order request please feel free to contact us.

Sincerely,
Prime Controls, LP

Project Manager



1725 Lakepointe Drive, Lewisville TX 75057
(972) 221-4849 Phone
(972) 420-4842 Fax



1725 Lakepointe Drive, Lewisville TX 75057
 (972) 221-4849 Phone
 (972) 420-4842 Fax

Change Request Proposal

Itemized Breakdown

Date Submitted:..... 9/10/2018
 Project Name:..... City of Broken Arrow SCADA Replacement
 Contract or Subcontract Number:..... 155425
 PC Change Request Proposal Number:..... 1851009-01

Source of Change

RFI # 17 Response

<u>Material</u>	<u>QTY</u>	<u>Unit Price</u>	<u>Ext Price</u>
Hoffman CSD483616SSR-W	1	\$ 1,881.40	\$ 1,881.40
Schneider OIT # HMISTU855	1	\$ 556.60	\$ 556.60
Hoffman CP4836	1	\$ 103.50	\$ 103.50
Modicon M221 # TM221CE40R	1	\$ 570.40	\$ 570.40
Modicon M221 # TMC2AI2	1	\$ 36.80	\$ 36.80
Power Supply Phoenix Contact 2866750	1	\$ 215.05	\$ 215.05
Misc	1	\$ 575.00	\$ 575.00
Panel Material	1	\$ 1,437.50	\$ 1,437.50
		Tax Rate	\$ -
Subtotal Material Cost:			\$ 5,376.25

<u>Labor (Rates include Payroll Taxes & Insurance Costs)</u>	<u>QTY (Hrs)</u>	<u>Ext Price</u>
Project Manager	4	\$ 352.73
Assistant Project Manager	1	\$ 65.32
Subtotal Labor:		\$ 8,966.80

<u>Travel Expenses</u>	<u>QTY</u>	<u>Unit Price</u>	<u>Ext Price</u>
Subtotal Travel Cost:			\$ -

<u>Subcontractor Charges</u>	<u>QTY</u>	<u>Unit Price</u>	<u>Ext Price</u>
Subtotal Subcontractor Cost:			\$ -

<u>Direct Jobsite Costs</u>	<u>QTY</u>	<u>Unit Price</u>	<u>Ext Price</u>
Subtotal Jobsite Cost:			\$ -

<u>Equipment</u>	<u>QTY</u>	<u>Unit Price</u>	<u>Ext Price</u>
Subtotal Equipment Cost:			\$ -

<u>Cost Recap</u>			
Subtotal Direct Costs			\$ 14,343.06
Total COR Amount:			\$ 15,777.37



1725 Lakepointe Drive, Lewisville TX 75057
(972) 221-4849 Phone
(972) 420-4842 Fax

Change Request Proposal

Itemized Breakdown

Date Submitted:..... 9/10/2018
Project Name:..... City of Broken Arrow SCADA Replacement
Contract or Subcontract Number:..... 155425
PC Change Request Proposal Number:..... 1851009-01

RFI NO.	017
DATE:	06/26/2018

TO:	City of Broken Arrow	ATTENTION:	David Myers
CC:			

Subject:	Pump Station 3 (Greenbriar) PLC
Project Title:	City Wide SCADA Replacement
Owner / Location	City of Broken Arrow

REQUESTED INFORMATION:

During the initial site visit Prime Controls learned that Pump Station 3 (Greenbriar) did not have an Allen Bradley PLC. The site is controlled by a Carel PCO (exact module number cannot be confirmed until unit is removed). This controller is designed for air handling systems. In order to add the communication module to this controller it will have to be completely removed from the panel. The controller will have to be physically modified to include a communication card. The controller will then have to be reprogrammed to use Modbus TCP. Carel Technical Support said they cannot give assurances that steps can be taken to integrate the controller to the SCADA system because each controller is unique to the OEM who installed it. We may find that after the work is started that integration is impossible.

Prime Controls recommends replacing the controller with an M221 and a new OIT. This should reduce the number of complications during the installation process. In the future it will reduce complications with troubleshooting and maintenance. It will also reduce the number of PLC related software packages needed.

We will submit a cost estimate for this recommendation.

Response Requested By:	7/10/18	Signature:	Ricky Ellis
<input type="checkbox"/>	No Cost Change	<input type="checkbox"/>	No Schedule Impact
<input checked="" type="checkbox"/>	Potential Cost Change	<input checked="" type="checkbox"/>	Potential Schedule Impact

RESPONSE TO INFORMATION REQUEST:

Contractor shall provide a PCM for installation of a M221 and a OIT. The station acts as a in-line booster pump station, maintaining a set discharge pressure.

Person Replying:		Signature:	
Firm:		Date:	



1725 Lakepointe Drive, Lewisville TX 75057
(972) 221-4849 Phone
(972) 420-4842 Fax

Change Order Request

Date: October 10, 2018

To: City of Broken Arrow
Attn: Tim Robins
Project Name: City of Broken Arrow SCADA Replacement
Contract No.: 155425
Subject: Pump Station 3 (Greenbriar) PLC
Change Order Request No.: 1851009-5

Source: LS23 ISSC III Rack Relocation

Tim,

Prime Controls is pleased to offer our cost proposal for cutting & removal of asphalt per the response of RFI # 5.

Scope of Work

1. Remove previously installed rack and move to new location as requested by BAMA.

Sub-Total Cost Breakdown

Labor	\$	176.36
Markup (15%)	\$	26.46
Subcontractor	\$	1,317.90
Total		\$1,520.73

Clarifications

1. Prior to commencement of work, Prime Controls requests an executed copy of this change order request. We expect this change will be accepted in a timely manner. Prime Controls is not liable for schedule delays associated with this change in the scope of work.
2. Our Proposal is valid for 15 days from the date of this letter. Pricing is subject to change based on approval date.

Schedule

Number of additional calendar days requested for this change proposal from the date of notice to proceed.

5

Proposal Approval

Approved By: _____

Date: _____

Should you have any questions regarding this change order request please feel free to contact us.

Sincerely,
Prime Controls, LP

Project Manager

September 25th, 2018
17-301 R1
Changer Order 1

Prime Controls
Ricky Ellis
972-221-4849
1725 Lakepointe Drive
Lewisville, TX. 75057



Re: City of Broken Arrow

Apple Electrical is pleased to provide your firm with a change order proposal for the above-mentioned project. The following is a description of our scope of work for this project.

Move rack locations for LS23

- Dig down below ground service approximately 5 – 7" and remove top surface of concrete.
- Cut 2" conduit below ground level.
- Top off with concrete to cover sharp edges of conduit exposed and cover with surface dirt to cover.
- Move rack location 3' away by digging new post holes and utilizing new 2" conduit. All other existing material will be used.
- Fabricate new rack and set with concrete.

The cost of this work is.....\$ 1,146.00

Additional moves are at \$800.00 each if crews have to come back to complete this work at a later date.

Exclusions: Hazardous material testing or removal, utility disconnect or relocation, cut/cap, temp barricades or traffic control, location and protection of public and private utility lines, soil backfill, erosion control or silt fence, asphalt repair or replacement, hydro vac, and all items not specifically listed above.

The terms and conditions outlined in this proposal are valid for 30 days. An authorized signature below constitutes acceptance of this offer by company. Company shall be responsible for any additional costs caused by changes.

Sincerely,

Signature: _____

Eddy Shelton
President

Print: _____

Title: _____

Regulated by The Texas Department of Licensing and Regulation, P. O. Box 12157, Austin, Texas 78711, 1-800-803-9202, 512-463-6599; website: www.license.state.tx.us/complaints



1725 Lakepointe Drive, Lewisville TX 75057
(972) 221-4849 Phone
(972) 420-4842 Fax

Change Order Request

Date: October 3, 2018

To: City of Broken Arrow
Attn: Tim Robins
Project Name: City of Broken Arrow SCADA Replacement
Contract No.: 155425
Subject: Pump Station 3 (Greenbriar) PLC
Change Order Request No.: 1851009-03R1

Source: RFI # 18 Response

Tim,

Prime Controls is pleased to offer our cost proposal for replacing the original required Caradlepont 1150 which are no longer available, with the newer model Cradlepoint IBR9000 as RFI # 18 response (attached).

Scope of Work

1. Provide & install Cradlepoint IBR900 as RFI # 18 & discussed in most recent progress meeting where Prime Controls informed City personnel that the Cradlepoint 1150 is no longer available for purchase and made the recommendation to move forward with the IBR900.

Sub-Total Cost Breakdown

Materials	\$	7,326.56
Labor	\$	659.73
Markup (10%)	\$	798.63
Total		\$8,784.93

Clarifications

1. Prior to commencement of work, Prime Controls requests an executed copy of this change order request. We expect this change will be accepted in a timely manner. Prime Controls is not liable for schedule delays associated with this change in the scope of work.

Schedule

Number of additional calendar days requested for this change proposal from the date of notice to proceed.

20

Proposal Approval

Approved By: _____

Date: _____

Should you have any questions regarding this change order request please feel free to contact us.

Sincerely,
Prime Controls, LP

Project Manager

Ricky Ellis

From: Robins, Timothy <trobins@brokenarrowok.gov>
Sent: Monday, October 1, 2018 10:50 AM
To: Patrick Moseley Allan Plummer (pmoseley@apaienv.com); Ricky Ellis
Cc: Myers, David
Subject: FW: radio selection for SCADA project

See below for RFI18 response.

Thanks,

Timothy S. Robins, PE. CFM CWI | Construction Division Manager
Engineering and Construction Department
485 N. Poplar Avenue, Broken Arrow, OK 74012
Office: 918.259.7000 ext.7631 | Cell: 918.644.6494
Fax: 918.259.8453
Email: Trobins@Brokenarrowok.gov
[facebook](#) | [twitter](#) | [youtube](#)



From: Ketchum, Mark
Sent: Monday, October 1, 2018 10:26 AM
To: Robins, Timothy <trobins@brokenarrowok.gov>; Campbell, Barney <BCampbell@BrokenArrowOK.Gov>; Handy, David <dhandy@brokenarrowok.gov>; Vokes, Charles <CVokes@brokenarrowok.gov>
Cc: Myers, David <DMyers@BrokenArrowOK.Gov>
Subject: RE: radio selection for SCADA project

A IBR900 will work with the understanding that these are single LAN port for SCADA and if any components (cameras) are added in the future at a location, then a different model modem will have to be purchased.

Mark Ketchum
Communications Systems Manager
Phone: 918-259-2400 ext. 5362
Cellular Phone: 918-697-1980
Fax: 918-251-6642
MKetchum@BrokenArrowOK.Gov



This message is intended only for the use of the individual or entity to which it is addressed and may contain information that is privileged, confidential and exempt from disclosure under applicable law. If you receive this message in error, you are hereby notified that the City of Broken Arrow does not consent to any reading.

dissemination, distribution or copying of this message. If you have received this communication in error, please notify the sender immediately and destroy the transmitted information immediately.

From: Robins, Timothy
Sent: Monday, October 1, 2018 10:08 AM
To: Ketchum, Mark <MKetchum@BrokenArrowOK.Gov>; Campbell, Barney <BCampbell@BrokenArrowOK.Gov>; Handy, David <dhandy@brokenarrowok.gov>
Cc: Myers, David <DMyers@BrokenArrowOK.Gov>
Subject: radio selection for SCADA project

See attached for radio RFI, please advise.

Thanks,

Timothy S. Robins, PE. CFM CWI | Construction Division Manager
Engineering and Construction Department
485 N. Poplar Avenue, Broken Arrow, OK 74012
Office: 918.259.7000 ext.7631 | Cell: 918.644.6494
Fax: 918.259.8453
Email: Trobins@Brokenarrowok.gov
[facebook](#) | [twitter](#) | [youtube](#)



Robins, Timothy

From: Ricky Ellis <r.ellis@prime-controls.com>
Sent: Wednesday, October 3, 2018 8:49 AM
To: Robins, Timothy
Cc: Myers, David; Kyle Jones
Subject: RE: radio selection for SCADA project
Attachments: CO-03R1 RFI-18.pdf

Tim,

I have attached a revision to Change Order # 3. The original change order had deleting/adding 27 Cradlepoints to the new IBR900, the correct # is 32 Cradlepoints.

I also noticed my descriptions on the email below was incorrect, the correct description is as follows:

- Have attached change order # 3R1 in response for RFI # 18 response.
- Have attached change order # 2 in response for RFI # 17 response.

Ricky Ellis

214.842.9191

From: Ricky Ellis
Sent: Monday, October 1, 2018 1:49 PM
To: 'Robins, Timothy' <trobins@brokenarrowok.gov>
Cc: Myers, David <DMyers@BrokenArrowOK.Gov>; Kyle Jones <k.jones@prime-controls.com>
Subject: RE: radio selection for SCADA project

Tim,

Have attached change order # 2 in response for RFI # 18 response.

Also attached change order # 1 in response for RFI # 17 response.

Ricky Ellis

214.842.9191

From: Robins, Timothy <trobins@brokenarrowok.gov>
Sent: Monday, October 1, 2018 10:50 AM
To: Patrick Moseley Allan Plummer (pmoseley@apaienv.com) <pmoseley@apaienv.com>; Ricky Ellis <r.ellis@prime-controls.com>
Cc: Myers, David <DMyers@BrokenArrowOK.Gov>
Subject: FW: radio selection for SCADA project

See below for RFI18 response.

Thanks,

Timothy S. Robins, PE. CFM CWI | Construction Division Manager
Engineering and Construction Department
485 N. Poplar Avenue, Broken Arrow, OK 74012
Office: 918.259.7000 ext.7631 | Cell: 918.644.6494
Fax: 918.259.8453
Email: Trobins@Brokenarrowok.gov
[facebook](#) | [twitter](#) | [youtube](#)



From: Ketchum, Mark
Sent: Monday, October 1, 2018 10:26 AM
To: Robins, Timothy <trobins@brokenarrowok.gov>; Campbell, Barney <BCampbell@BrokenArrowOK.Gov>; Handy, David <dhandy@brokenarrowok.gov>; Vokes, Charles <CVokes@brokenarrowok.gov>
Cc: Myers, David <DMyers@BrokenArrowOK.Gov>
Subject: RE: radio selection for SCADA project

A IBR900 will work with the understanding that these are single LAN port for SCADA and if any components (cameras) are added in the future at a location, then a different model modem will have to be purchased.

Mark Ketchum
Communications Systems Manager
Phone: 918-259-2400 ext. 5362
Cellular Phone: 918-697-1980
Fax: 918-251-6642
MKetchum@BrokenArrowOK.Gov



This message is intended only for the use of the individual or entity to which it is addressed and may contain information that is privileged, confidential and exempt from disclosure under applicable law. If you receive this message in error, you are hereby notified that the City of Broken Arrow does not consent to any reading, dissemination, distribution or copying of this message. If you have received this communication in error, please notify the sender immediately and destroy the transmitted information immediately.

From: Robins, Timothy
Sent: Monday, October 1, 2018 10:08 AM
To: Ketchum, Mark <MKetchum@BrokenArrowOK.Gov>; Campbell, Barney <BCampbell@BrokenArrowOK.Gov>; Handy, David <dhandy@brokenarrowok.gov>
Cc: Myers, David <DMyers@BrokenArrowOK.Gov>
Subject: radio selection for SCADA project

See attached for radio RFI, please advise.

Thanks,

Timothy S. Robins, PE. CFM CWI | Construction Division Manager

Engineering and Construction Department

485 N. Poplar Avenue, Broken Arrow, OK 74012

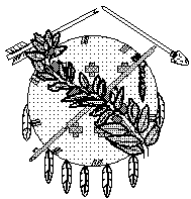
Office: 918.259.7000 ext.7631 | Cell: 918.644.6494

Fax: 918.259.8453

Email: Trobins@Brokenarrowok.gov

[facebook](#) | [twitter](#) | [youtube](#)





City of Broken Arrow

Request for Action

File #: 18-65, Version: 1

FUND 020 BAMA	DATE DUE	VENDOR NO	VENDOR NAME	VOUCHER NO	INVOICE NO	ACCOUNT NO	AMOUNT
	4/27/2018	11169	BAUHAUS INTERIORS GROUP	PI 4867	47800	020-5205-419.70-19 4/27/2018 TOTAL - CUMULATIVE TOTAL -	12,434.91 12,434.91 12,434.91
	7/09/2018	5371	PREMIER TRUCK GROUP	PI 4745	125237827	020-5125-436.60-20 7/09/2018 TOTAL - CUMULATIVE TOTAL -	100.03 100.03 12,534.94
	8/15/2018	9876	RITZ/LONE STAR SAFETY & SUPPLY	PI 5112	5631842	020-0000-141.00-00 8/15/2018 TOTAL - CUMULATIVE TOTAL -	174.88 174.88 12,709.82
	8/30/2018	10362	BRUCKNER TRUCK SALES-TULSA WES	PI 4645	47670U	020-5305-438.60-20 8/30/2018 TOTAL - CUMULATIVE TOTAL -	84.16 84.16 12,793.98
	9/04/2018	4358	MCNEILUS TRUCK & MFG., INC	PI 4044	4125096	020-5125-436.60-20	107.92
	9/04/2018	6375	ATWOODS DISTRIBUTING	PI 4045	4125096	020-5125-436.70-17	79.65
				PI 4868	001526	020-5305-438.60-23 9/04/2018 TOTAL - CUMULATIVE TOTAL -	19.27 206.84 13,000.82
	9/06/2018	6375	ATWOODS DISTRIBUTING	PI 4870	001528	020-5305-438.60-10 9/06/2018 TOTAL - CUMULATIVE TOTAL -	119.99 119.99 13,120.81
	9/07/2018	6375	ATWOODS DISTRIBUTING	PI 4871	001592	020-5305-438.60-20 9/07/2018 TOTAL - CUMULATIVE TOTAL -	89.99 89.99 13,210.80
	9/10/2018	8679	CORE & MAIN	PI 5113	J453916	020-0000-141.00-00	2,100.00
				PI 5114	J453916	020-0000-141.00-00 9/10/2018 TOTAL - CUMULATIVE TOTAL -	767.00 2,867.00 16,077.80
	9/12/2018	4358	MCNEILUS TRUCK & MFG., INC	PI 4046	4133829	020-5125-436.60-20	27.94
	9/12/2018	5371	PREMIER TRUCK GROUP	PI 4751	125245233	020-5125-436.60-20 9/12/2018 TOTAL - CUMULATIVE TOTAL -	136.90 164.84 16,242.64
	9/13/2018	6375	ATWOODS DISTRIBUTING	PI 4874	001530	020-5305-438.60-23	22.97
				PI 4875	001531	020-5305-438.60-23 9/13/2018 TOTAL - CUMULATIVE TOTAL -	35.96 58.93 16,301.57
	9/14/2018	4358	MCNEILUS TRUCK & MFG., INC	PI 4047	4136605	020-5125-436.70-17 9/14/2018 TOTAL - CUMULATIVE TOTAL -	554.96- 554.96- 15,746.61
	9/17/2018	8679	CORE & MAIN	PI 5115	J454249	020-0000-141.00-00 9/17/2018 TOTAL - CUMULATIVE TOTAL -	375.60 375.60 16,122.21

FUND 020 BAMA	DATE DUE	VENDOR NO	VENDOR NAME	VOUCHER NO	INVOICE NO	ACCOUNT NO	AMOUNT
	9/19/2018	6375	ATWOODS DISTRIBUTING	PI 4877	001536	020-5415-435.60-41 9/19/2018 TOTAL - CUMULATIVE TOTAL -	31.96 31.96 16,154.17
	9/20/2018	90	NAPA AUTO PARTS	PI 4648	2210913089	020-5120-437.60-23 9/20/2018 TOTAL - CUMULATIVE TOTAL -	24.99 24.99 16,179.16
	9/21/2018	225	SUMMIT TRUCK GROUP	PI 5087	411168997	020-5125-436.60-20 9/21/2018 TOTAL - CUMULATIVE TOTAL -	46.88 46.88 16,226.04
	9/24/2018	10502	CHEMTRADE CHEMICALS US LLC	PI 4794	92475391	020-5405-434.60-34	3,666.70
	9/24/2018	10903	THE SCHEMMER ASSOCIATES INC	PI 4652	070420021	020-5205-419.30-87 9/24/2018 TOTAL - CUMULATIVE TOTAL -	10,010.00 13,676.70 29,902.74
	9/25/2018	225	SUMMIT TRUCK GROUP	PI 5088	411168787	020-5125-436.60-20 9/25/2018 TOTAL - CUMULATIVE TOTAL -	78.76 78.76 29,981.50
	9/26/2018	225	SUMMIT TRUCK GROUP	PI 5089	411169289	020-5125-436.60-20 9/26/2018 TOTAL - CUMULATIVE TOTAL -	40.12 40.12 30,021.62
	9/27/2018	90	NAPA AUTO PARTS	PI 4649	2210913612	020-5400-434.60-20	39.19
	9/27/2018	399	LOCKE SUPPLY COMPANY	PI 4937	3544726900	020-5400-434.60-23 9/27/2018 TOTAL - CUMULATIVE TOTAL -	15.08 54.27 30,075.89
	9/28/2018	244	GREEN ACRE SOD FARMS DBA	PI 4719	111307	020-5415-435.60-23	150.00
	9/28/2018	2858	ANIXTER INC	PI 4787	105550311	020-0000-141.00-00	5,498.51
	9/28/2018	4358	MCNEILUS TRUCK & MFG., INC	PI 4541	4150672	020-5125-436.60-20 9/28/2018 TOTAL - CUMULATIVE TOTAL -	235.60 5,884.11 35,960.00
	9/29/2018	420	APAC-CENTRAL, INC	PI 4718	7001158252	020-5305-438.60-27	553.89
				PI 4792	7001155790	020-5400-434.60-80 9/29/2018 TOTAL - CUMULATIVE TOTAL -	175.72 729.61 36,689.61
	10/01/2018	5904	ADDCO ELECTRIC INC.	PI 5153	23363	020-5120-437.70-15 10/01/2018 TOTAL - CUMULATIVE TOTAL -	96.96 96.96 36,786.57
	10/02/2018	8	BRENNTAG SOUTHWEST INC	PI 4803	BSW031264	020-5405-434.60-34	6,826.94
				PI 4902	BSW032677	020-5405-434.60-34	35,283.60
	10/02/2018	90	NAPA AUTO PARTS	PI 4817	2210914148	020-0000-141.00-00	55.96
				PI 4818	2210914148	020-0000-141.00-00	37.56
				PI 4819	2210914148	020-0000-141.00-00	5.32
				PI 4820	2210914148	020-0000-141.00-00	12.61

FUND 020 BAMA	DATE DUE	VENDOR NO	VENDOR NAME	VOUCHER NO	INVOICE NO	ACCOUNT NO	AMOUNT
10/02/2018	244		GREEN ACRE SOD FARMS DBA	PI 4821	2210914148	020-0000-141.00-00	44.65
				PI 4721	111320	020-5415-435.60-23	75.00
				PI 4915	111321	020-5400-434.60-80	75.00
10/02/2018	990		EDWARDS CANVAS	PI 4907	89544	020-0000-141.00-00	224.94
10/02/2018	1249		MYERS TIRE SUPPLY INC	PI 4855	83012393	020-5120-437.60-23	210.63
10/02/2018	5941		LOWES	PI 4958	02759	020-5400-434.60-38	24.51
10/02/2018	10903		THE SCHEMMER ASSOCIATES INC	PI 4711	070420022	020-5205-419.30-87	1,522.50
						10/02/2018 TOTAL -	44,399.22
						CUMULATIVE TOTAL -	81,185.79
10/03/2018	71		BROKEN ARROW ELECTRIC SUPPLY I	PI 5004	S2415892001	020-5100-437.60-18	129.88
10/03/2018	244		GREEN ACRE SOD FARMS DBA	PI 4916	111324	020-5400-434.60-80	75.00
10/03/2018	5941		LOWES	PI 4698	02041	020-5305-438.60-23	33.25
10/03/2018	9569		TWIN CITIES READY MIX INC	PI 4653	173354	020-5305-438.60-27	808.50
10/03/2018	9892		GOODYEAR COMMERCIAL TIRE	PI 4908	2541012138	020-0000-141.00-00	253.54
10/03/2018	10077		GULBRANSEN TECHNOLOGIES INC	PI 5002	91037993	020-5405-434.60-34	12,013.16
						10/03/2018 TOTAL -	13,313.33
						CUMULATIVE TOTAL -	94,499.12
10/04/2018	90		NAPA AUTO PARTS	PI 4663	2210914316	020-5400-434.60-20	39.19
				PI 4665	2210914344	020-1700-419.50-86	173.71
				PI 4666	2210914345	020-1700-419.50-86	260.71
				PI 4754	2210914310	020-1700-419.50-86	146.70
10/04/2018	452		GELICO UNIFORMS & SHOES INC	PI 4722	00237213	020-5410-435.60-10	125.00
				PI 4724	00237215	020-5305-438.60-10	98.99
10/04/2018	5941		LOWES	PI 4699	01978	020-5305-438.60-23	45.52
				PI 4700	02252	020-5305-438.60-23	27.86
				PI 4701	02314	020-5305-438.60-23	89.70
				PI 4959	11179	020-5400-434.60-38	23.72
10/04/2018	8679		CORE & MAIN	PI 4813	J579959	020-5400-434.60-40	87.50
10/04/2018	8846		DUNHAM S ASPHALT PLANT	PI 4892	250745	020-5400-434.60-80	161.00
10/04/2018	9297		JANDERSON INC DBA CARTRIDGE WO	PI 4894	18180	020-5415-435.60-03	112.00
10/04/2018	9569		TWIN CITIES READY MIX INC	PI 4832	173444	020-5305-438.60-27	346.50
				PI 4833	173444	020-5305-438.70-15	563.50
10/04/2018	10233		PETROLEUM TRADERS CORP	PI 4823	1315148	020-0000-141.00-00	18,591.54
						10/04/2018 TOTAL -	19,652.52
						CUMULATIVE TOTAL -	114,151.64
10/05/2018	8		BRENNTAG SOUTHWEST INC	PI 4804	BSW031829	020-5405-434.60-34	2,823.26
10/05/2018	42		ARROW SAFE AND LOCK INC	PI 5010	72416	020-5415-435.60-41	29.25
10/05/2018	71		BROKEN ARROW ELECTRIC SUPPLY I	PI 5005	S2422060001	020-5100-437.60-18	60.69
10/05/2018	90		NAPA AUTO PARTS	PI 4667	2210914381	020-5120-437.60-23	27.00
				PI 4670	2210914438	020-1700-419.50-86	282.27
				PI 4822	2210914419	020-0000-141.00-00	38.93
10/05/2018	133		UTILITY SUPPLY	PI 4738	119914	020-0000-141.00-00	1,395.87
10/05/2018	244		GREEN ACRE SOD FARMS DBA	PI 4996	111390	020-5400-434.60-80	75.00
10/05/2018	327		HACH COMPANY	PI 4922	11165841	020-5410-435.60-34	531.75
10/05/2018	452		GELICO UNIFORMS & SHOES INC	PI 4725	00237249	020-5125-436.60-10	125.00
				PI 4726	00237250	020-5125-436.60-10	100.00
				PI 4727	00237251	020-5405-434.60-10	125.00
				PI 4728	00237252	020-5400-434.60-10	125.00

FUND 020 BAMA	DATE DUE	VENDOR NO	VENDOR NAME	VOUCHER NO	INVOICE NO	ACCOUNT NO	AMOUNT
				PI 4729	00237253	020-5400-434.60-10	125.00
				PI 4730	00237254	020-5400-434.60-10	125.00
10/05/2018	1993		G W VAN KEPPEL COMPANY	PI 4806	SW00590891	020-5400-434.40-20	17,107.12
10/05/2018	5941		LOWES	PI 4702	02435	020-5305-438.70-15	83.22
10/05/2018	9569		TWIN CITIES READY MIX INC	PI 4752	173538	020-5305-438.60-27	269.50
10/05/2018	10192		RYAN HERCO PRODUCTS CORP	PI 5098	9062956	020-5405-434.60-45	293.14
10/05/2018	10233		PETROLEUM TRADERS CORP	PI 4824	1315663	020-0000-141.00-00	18,748.71
						10/05/2018 TOTAL -	41,821.04
						CUMULATIVE TOTAL -	155,972.68
10/06/2018	420		APAC- CENTRAL, INC	PI 4891	7001161102	020-5400-434.60-80	1,340.42
				PI 4893	7001161529	020-5305-438.60-27	90.16
						10/06/2018 TOTAL -	1,430.58
						CUMULATIVE TOTAL -	157,403.26
10/07/2018	243		GRAYBAR ELECTRIC CO INC	PI 4905	9306560976	020-0000-141.00-00	1,007.04
						10/07/2018 TOTAL -	1,007.04
						CUMULATIVE TOTAL -	158,410.30
10/08/2018	8		BRENNTAG SOUTHWEST INC	PI 4903	BSW032678	020-5410-435.60-34	1,671.13
10/08/2018	90		NAPA AUTO PARTS	PI 4672	2210914540	020-5115-437.60-20	85.92
				PI 4676	2210914557	020-5115-437.60-20	86.60
				PI 4677	2210914558	020-5415-435.60-20	26.60
				PI 4678	2210914559	020-5415-435.60-20	252.75
				PI 4679	2210914590	020-1700-419.50-86	162.19-
				PI 4680	2210914592	020-5400-434.60-20	53.05
				PI 4683	2210914615	020-5115-437.60-20	86.60-
				PI 4685	2210914617	020-5120-437.60-23	19.42-
				PI 4686	2210914622	020-1700-419.50-86	177.59-
10/08/2018	101		WELDON PARTS TULSA	PI 4837	215319300	020-5125-436.60-20	246.80
10/08/2018	240		GRAINGER	PI 4911	9928601930	020-0000-141.00-00	175.20
10/08/2018	243		GRAYBAR ELECTRIC CO INC	PI 4906	9306560977	020-0000-141.00-00	1,007.04
10/08/2018	377		KIMS INTERNATIONAL	PI 4697	0108546	020-5125-436.60-20	38.17
10/08/2018	724		O'REILLY AUTOMOTIVE	PI 4693	0156264066	020-5405-434.60-23	5.96
10/08/2018	4311		UNITED FORD	PI 4694	3171625	020-5115-437.60-20	356.22
10/08/2018	5941		LOWES	PI 4703	02174	020-5305-438.60-23	37.36
				PI 4961	12420	020-5400-434.60-38	13.55
10/08/2018	8679		CORE & MAIN	PI 4859	J576697	020-0000-141.00-00	365.00
				PI 4860	J576697	020-0000-141.00-00	7.50
				PI 5118	J600100	020-0000-141.00-00	787.56
10/08/2018	8940		911 CUSTOM	PI 4978	33258	020-5210-419.60-20	59.95
10/08/2018	9569		TWIN CITIES READY MIX INC	PI 4654	173616	020-5305-438.60-27	115.50
10/08/2018	9784		EUROFINS EATON ANALYTICAL INC	PI 4657	S314362	020-5405-434.30-34	328.00
						10/08/2018 TOTAL -	5,274.06
						CUMULATIVE TOTAL -	163,684.36
10/09/2018	90		NAPA AUTO PARTS	PI 4689	2210914681	020-5305-438.60-20	3.01
				PI 4692	2210914711	020-5400-434.60-20	27.75
				PI 4755	2210914732	020-5400-434.60-20	104.25
				PI 4756	2210914747	020-1700-419.50-86	144.37-
10/09/2018	92		WHITE STAR MACHINERY & SUPPLY	PI 4784	07189312	020-5400-434.60-20	33.57

FUND 020 BAMA	DATE DUE	VENDOR NO	VENDOR NAME	VOUCHER NO	INVOICE NO	ACCOUNT NO	AMOUNT
				PI 4785	07189328	020-5400-434.60-20	56.49
10/09/2018	168		TULSA NEW HOLLAND	PI 4709	490121	020-5305-438.60-19	742.75
10/09/2018	225		SUMMIT TRUCK GROUP	PI 4741	411170114	020-0000-141.00-00	125.77
10/09/2018	370		AIRGAS USA LLC	PI 5134	9081155426	020-5120-437.60-23	13.25
				PI 5135	9081155427	020-5120-437.60-23	6.23
10/09/2018	1409		SMITH FARM & GARDEN CO	PI 4660	825303	020-5405-434.60-20	120.78
10/09/2018	5371		PREMIER TRUCK GROUP	PI 4740	125247767	020-0000-141.00-00	144.72
10/09/2018	5941		LOWES	PI 4704	01752	020-5125-436.60-20	14.25
				PI 4705	01755	020-5410-435.60-23	170.08
10/09/2018	7296		CHRIS NIKEL CHRYSLER JEEP DODG	PI 4710	696417	020-5405-434.60-20	68.14
10/09/2018	9700		ADVANCED INDUSTRIAL SOLUTIONS	PI 4863	238296	020-0000-141.00-00	380.40
				PI 4864	238296	020-0000-141.00-00	131.20
				PI 4865	238296	020-0000-141.00-00	796.32
						10/09/2018 TOTAL -	2,794.59
						CUMULATIVE TOTAL -	166,478.95
10/10/2018	42		ARROW SAFE AND LOCK INC	PI 4900	72505	020-5405-434.60-23	49.20
10/10/2018	71		BROKEN ARROW ELECTRIC SUPPLY I	PI 5006	S2423977001	020-5115-437.60-18	47.38
10/10/2018	90		NAPA AUTO PARTS	PI 4760	2210914776	020-5125-436.60-20	26.16
				PI 4764	2210914803	020-1700-419.50-86	253.75
				PI 4765	2210914811	020-5120-437.60-23	12.46
				PI 4768	2210914845	020-5400-434.60-20	13.56
				PI 4947	2210914875	020-5400-434.60-23	18.50
				PI 5022	2210914829	020-0000-141.00-00	233.62
				PI 5023	2210914829	020-0000-141.00-00	23.94
				PI 5024	2210914829	020-0000-141.00-00	57.36
				PI 5025	2210914829	020-0000-141.00-00	12.84
10/10/2018	168		TULSA NEW HOLLAND	PI 4781	490160	020-5400-434.60-20	376.85
10/10/2018	225		SUMMIT TRUCK GROUP	PI 4742	411170241	020-0000-141.00-00	79.57
				PI 4743	411170241	020-0000-141.00-00	185.84
				PI 4744	411170243	020-0000-141.00-00	842.60
				PI 4780	411170215	020-5125-436.60-20	110.94
10/10/2018	240		GRAINGER	PI 4932	9930730438	020-5405-434.60-45	44.00
				PI 4933	9930791885	020-5405-434.60-23	43.27
				PI 4934	9930791885	020-5405-434.60-24	458.00
10/10/2018	377		KIMS INTERNATIONAL	PI 4735	0108594	020-5125-436.60-20	69.68
10/10/2018	890		B & M OIL COMPANT - TULSA	PI 4815	0475699	020-5120-437.60-21	738.38
10/10/2018	4358		MCNEILUS TRUCK & MFG., INC	PI 4857	4162774	020-5125-436.60-20	141.87
10/10/2018	5885		VANCE BROTHERS INC	PI 4941	1P26903	020-5400-434.60-80	156.75
10/10/2018	5936		CONTINENTAL BATTERY CO	PI 4788	1532101018509	020-0000-141.00-00	396.61
10/10/2018	5941		LOWES	PI 4774	02589	020-5410-435.60-23	72.20
				PI 4850	12880	020-5400-434.60-38	13.48
				PI 5056	02470	020-5400-434.60-23	5.77
10/10/2018	8679		CORE & MAIN	PI 4982	J527208	020-0000-141.00-00	667.00
10/10/2018	9089		YELLOWHOUSE MACHINERY CO	PI 4739	373318	020-0000-141.00-00	216.64
10/10/2018	9569		TWIN CITIES READY MIX INC	PI 4939	173688	020-5305-438.60-27	154.00
				PI 4940	173688	020-5305-438.70-15	563.50
10/10/2018	10051		BROWNECO MFG & SALES	PI 4712	570771	020-0000-141.00-00	1,100.00
10/10/2018	10800		READING EQUIP & DIST LLC	PI 4974	S410000822	020-5400-434.60-20	307.50
						10/10/2018 TOTAL -	6,985.72
						CUMULATIVE TOTAL -	173,464.67

FUND	020 BAMA	DATE DUE	VENDOR NO	VENDOR NAME	VOUCHER NO	I NVOI CE NO	ACCOUNT NO	AMOUNT
10/11/2018	90			NAPA AUTO PARTS	PI 4827	2210914904	020-0000-141.00-00	72.10
					PI 4828	2210914904	020-0000-141.00-00	9.12
					PI 4829	2210914904	020-0000-141.00-00	28.33
					PI 4841	2210914911	020-5400-434.60-20	2.71
					PI 4842	2210914922	020-5120-437.60-23	3.60
					PI 4948	2210914939	020-1700-419.50-86	232.37-
					PI 4949	2210914949	020-5305-438.60-20	8.45
					PI 4950	2210914974	020-5406-434.60-20	206.48
10/11/2018	176			TIMMONS OIL COMPANY INC	PI 4826	W 07662	020-0000-141.00-00	248.40
					PI 5082	W 07673	020-0000-141.00-00	168.28
10/11/2018	179			TRANS CONTINENTAL SUPPLY INC	PI 5080	103709	020-0000-141.00-00	58.95
					PI 5081	103709	020-0000-141.00-00	190.28
10/11/2018	225			SUMMIT TRUCK GROUP	PI 4977	411214826	020-5125-436.40-20	1,321.90
10/11/2018	327			HACH COMPANY	PI 4923	11174277	020-5405-434.60-34	1,327.22
10/11/2018	377			KI MS I NTERNATI ONAL	PI 5052	0108622	020-5305-438.60-24	125.30
10/11/2018	452			GELICO UNI FORMS & SHOES INC	PI 4999	00237407	020-5125-436.60-10	116.99
					PI 5000	00237408	020-5125-436.60-10	116.99
10/11/2018	1409			SMI TH FARM & GARDEN CO	PI 4825	825541	020-0000-141.00-00	210.33
					PI 4836	825539	020-5415-435.60-20	204.30
10/11/2018	2045			PROFESSI ONAL TURF PRODUCTS	PI 4830	143427400	020-0000-141.00-00	149.13
10/11/2018	4730			DELL MARKETI NG L. P.	PI 4904	10271845029	020-5100-437.60-24	1,296.24
10/11/2018	5941			LOWES	PI 5058	01035	020-5115-437.60-23	25.16
					PI 5060	02727	020-5305-438.60-23	101.45
					PI 5061	02790	020-5410-435.60-23	31.31
10/11/2018	8940			911 CUSTOM	PI 4936	33292	020-0000-141.00-00	52.56
10/11/2018	9297			JANDERSON I NC DBA CARTRI DGE WO	PI 4997	18186	020-5415-435.60-03	57.00
10/11/2018	9892			GOODYEAR COMMERCIAL TIRE	PI 4910	2541012229	020-0000-141.00-00	560.00
					PI 4912	2541012218	020-0000-141.00-00	291.00
					PI 4913	2541012231	020-0000-141.00-00	2,752.75
10/11/2018	10526			EXPRESS PRESS	PI 4929	36889	020-5406-434.60-10	125.82
					PI 4930	36888	020-5400-434.60-10	1,486.28
10/11/2018	10800			READI NG EQUI P & DI ST LLC	PI 4971	S410000726	020-5415-435.60-20	2.84
					PI 4972	S410000726	020-5415-435.60-20	150.28
10/11/2018	10949			ROUTEWARE I NC.	PI 5106	99775	020-5125-436.60-20	224.00
							10/11/2018 TOTAL -	11,493.18
							CUMULATI VE TOTAL -	184,957.85
10/12/2018	37			ANCHOR STONE CO	PI 4993	182179009	020-5305-438.60-27	661.80
					PI 4994	182179109	020-5305-438.60-27	2,086.49
10/12/2018	71			BROKEN ARROW ELECTRI C SUPPLY I	PI 5007	S2424885001	020-5405-434.60-45	109.87
10/12/2018	74			BROKEN ARROW LAWN & GARDEN	PI 5014	2807	020-5305-438.60-20	48.28
10/12/2018	90			NAPA AUTO PARTS	PI 4952	2210915049	020-1700-419.50-86	88.97-
					PI 5032	2210915085	020-5415-435.60-20	31.47
					PI 5033	2210915099	020-5400-434.60-20	103.98
10/12/2018	168			TULSA NEW HOLLAND	PI 4975	490102	020-5305-438.60-20	335.98
					PI 4976	490102	020-5305-438.60-20	692.94
10/12/2018	206			FERGUSON PONTI AC GMC TRUCK	PI 4935	142040	020-5400-434.60-20	80.16
10/12/2018	225			SUMMIT TRUCK GROUP	PI 4980	411170380	020-5125-436.60-20	236.94
10/12/2018	327			HACH COMPANY	PI 4924	11176009	020-5405-434.60-34	32.65
10/12/2018	377			KI MS I NTERNATI ONAL	PI 4957	0108644	020-5305-438.60-20	131.75
10/12/2018	5371			PREMI ER TRUCK GROUP	PI 4981	125248417	020-5125-436.60-20	69.57

FUND	020 BAMA	DATE DUE	VENDOR NO	VENDOR NAME	VOUCHER NO	I NVOI CE NO	ACCOUNT NO	AMOUNT
10/12/2018		5597		COMMERCIAL DISTRIBUTING INC	PI 5120	46325	020-0000-141.00-00	867.90
10/12/2018		5941		LOWES	PI 4964	01231	020-5120-437.60-23	126.20
					PI 4965	02030	020-5405-434.60-45	8.06
					PI 4966	02054	020-5410-435.60-23	47.94
					PI 4967	09559	020-5415-435.60-23	20.70
					PI 4968	09559	020-5415-435.60-24	141.56
					PI 4969	18963	020-5415-435.60-23	47.71
					PI 5064	02946/	020-5305-438.60-23	81.86
10/12/2018		8539		ALL MAINTENANCE SUPPLY INC	PI 4866	0007352001	020-0000-141.00-00	530.00
10/12/2018		8679		CORE & MAIN	PI 4861	J617684	020-0000-141.00-00	841.02
					PI 4862	J617684	020-0000-141.00-00	528.00
					PI 5117	J507256	020-0000-141.00-00	1,645.00
10/12/2018		9892		GOODYEAR COMMERCIAL TIRE	PI 4909	2541012234	020-0000-141.00-00	253.54
10/12/2018		11047		HARD HAT SAFETY & GLOVE LLC	PI 4983	29774	020-0000-141.00-00	505.44
10/12/2018		11122		PENCCO, INC	PI 4973	35279	020-5415-435.40-28	8,841.70
							10/12/2018 TOTAL -	19,019.54
							CUMULATIVE TOTAL -	203,977.39
10/13/2018		420		APAC-CENTRAL, INC	PI 4991	7001162708	020-5400-434.60-80	872.28
					PI 4995	7001164485	020-5305-438.60-27	182.49
							10/13/2018 TOTAL -	1,054.77
							CUMULATIVE TOTAL -	205,032.16
10/14/2018		5060		NICKS TREE SERVICE INC	PI 4856	3693	020-5305-438.40-28	2,500.00
							10/14/2018 TOTAL -	2,500.00
							CUMULATIVE TOTAL -	207,532.16
10/15/2018		90		NAPA AUTO PARTS	PI 5035	2210915218	020-5400-434.60-20	57.64
					PI 5037	2210915236	020-5400-434.60-20	103.98
					PI 5038	2210915241	020-5305-438.60-20	14.99
					PI 5040	2210915295	020-5120-437.60-23	151.98
10/15/2018		101		WELDON PARTS TULSA	PI 4944	217490600	020-1700-419.50-86	79.95
10/15/2018		225		SUMMIT TRUCK GROUP	PI 5083	411170468	020-0000-141.00-00	57.62
10/15/2018		273		QUIKSERV ICE STEEL YAFFE	PI 5077	218394	020-5125-436.60-20	40.80
10/15/2018		327		HACH COMPANY	PI 4998	11178658	020-5410-435.60-34	1,023.60
10/15/2018		377		KIMS INTERNATIONAL	PI 5054	0108667	020-5125-436.60-20	346.60
10/15/2018		399		LOCKE SUPPLY COMPANY	PI 5049	3558546100	020-5410-435.60-23	87.10
10/15/2018		452		GELCO UNIFORMS & SHOES INC	PI 5130	00237539	020-5400-434.60-10	125.00
10/15/2018		625		FASTENAL COMPANY	PI 4921	OKTU730570	020-1700-419.60-23	29.67
10/15/2018		3915		AIR COMPRESSOR SUPPLY INC	PI 4984	230387501	020-0000-141.00-00	116.40
10/15/2018		5042		H G FLAKE SUPPLY CO	PI 5003	0360809	020-5405-434.60-45	21.62
10/15/2018		5936		CONTINENTAL BATTERY CO	PI 4985	10931015181242	020-0000-141.00-00	530.05
10/15/2018		5941		LOWES	PI 5067	02522/	020-0503-415.70-15	53.74
					PI 5068	02586	020-5405-434.60-23	76.03
					PI 5069	12910	020-5415-435.60-23	21.82
10/15/2018		6955		GREENHILL MATERIALS	PI 5128	374277	020-5305-438.60-27	169.95
10/15/2018		9569		TWIN CITIES READY MIX INC	PI 5090	173850	020-5305-438.60-27	121.50
							10/15/2018 TOTAL -	2,862.18
							CUMULATIVE TOTAL -	210,394.34
10/16/2018		42		ARROW SAFE AND LOCK INC	PI 5141	72525	020-0503-415.70-15	106.24

FUND 020 BAMA	DATE DUE	VENDOR NO	VENDOR NAME	VOUCHER NO	INVOICE NO	ACCOUNT NO	AMOUNT
10/16/2018	90		NAPA AUTO PARTS	PI 5026	2210915353	020-0000-141.00-00	140.07
				PI 5027	2210915353	020-0000-141.00-00	65.88
				PI 5028	2210915353	020-0000-141.00-00	6.99
				PI 5029	2210915353	020-0000-141.00-00	86.05
				PI 5043	2210915343	020-5125-436.60-21	329.70
10/16/2018	206		FERGUSON PONTIAC GMC TRUCK	PI 5019	142059	020-5400-434.60-20	129.71
10/16/2018	225		SUMMIT TRUCK GROUP	PI 5084	411170567	020-0000-141.00-00	185.84
				PI 5110	411170605	020-5305-438.60-20	71.64
10/16/2018	377		KIMS INTERNATIONAL	PI 5055	0108689	020-5120-437.60-20	227.72
10/16/2018	1409		SMITH FARM & GARDEN CO	PI 5093	825872	020-5405-434.60-20	68.60
10/16/2018	2227		HAYNES EQUIPMENT CO	PI 5152	8120391	020-5415-435.60-41	1,886.45
10/16/2018	3031		ECONOLITE CONTROL PRODUCTS	PI 5116	145785	020-0000-141.00-00	48,924.00
10/16/2018	5941		LOWES	PI 5071	01916	020-5405-434.60-23	47.49
10/16/2018	9569		TWIN CITIES READY MIX INC	PI 5091	173909	020-5305-438.60-27	220.00
10/16/2018	9822		MORTON SALT INC	PI 5030	5401676892	020-5405-434.60-34	6,222.96
10/16/2018	10949		ROUTEWARE INC.	PI 5147	99783	020-5125-436.60-20	41.80
						10/16/2018 TOTAL -	58,761.14
						CUMULATIVE TOTAL -	269,155.48
10/17/2018	141		CUMMINS SOUTHERN PLAINS	003863	914350	020-5405-434.40-29	316.80
10/17/2018	225		SUMMIT TRUCK GROUP	PI 5085	411170695	020-0000-141.00-00	79.57
10/17/2018	240		GRAINGER	PI 5020	9937727007	020-5305-438.60-10	76.02
10/17/2018	241		GRAND RIVER DAM AUTHORITY	003865	48276	020-5405-434.50-94	313.42
10/17/2018	273		QUIKSERV ICE STEEL YAFFE	PI 5078	218518	020-5125-436.60-20	17.40
10/17/2018	370		AIRGAS USA LLC	003823	9956630619	020-5120-437.40-33	200.68
				003824	9956630619	020-5130-437.40-33	32.45
				003825	9956630619	020-5305-438.40-33	36.80
				003826	9956630619	020-5115-437.40-33	36.80
				003827	9956630619	020-5400-434.40-33	24.20
				003828	9956630619	020-5410-435.40-33	32.45
10/17/2018	1057		TULSA WORLD	003895	509596-0914	020-5130-437.50-05	82.41
				003896	509598-0914	020-5130-437.50-05	82.41
10/17/2018	3694		ARROW EXTERMINATORS INC	003834	607300	020-5100-437.40-07	105.00
				003835	608784	020-5100-437.40-07	65.00
				003905	608780	020-5305-438.40-07	32.50
10/17/2018	4315		TULSA CITY COUNTY HEALTH DEPT.	003888	33976	020-5400-434.30-34	5,009.00
				003889	33943	020-5405-434.30-34	820.00
10/17/2018	6454		WASTE MANAGEMENT QUARRY LANDFI	003901	221080810064	020-5125-436.40-30	61.16
10/17/2018	7497		JPMORGAN CHASE BANK N A	003876	163975	020-0503-415.50-28	1,203.28
10/17/2018	8019		HDR, INC	003866	1200144185	020-5405-434.30-87	1,187.80
10/17/2018	8679		CORE & MAIN	PI 5148	J579461	020-5406-434.70-04	333,500.00
10/17/2018	8997		AMERICAN MUNICIPAL SERVICES CO	003830	39822	020-0000-229.16-00	953.46
10/17/2018	9539		TULSA HEALTH DEPARTMENT	003890	33934	020-5410-435.30-34	2,765.00
				003891	33964	020-5410-435.30-34	870.00
10/17/2018	9790		IDT PAYMENT SERVICES	003868	6658543	020-1700-419.50-89	2,038.50
10/17/2018	9892		GOODYEAR COMMERCIAL TIRE	PI 5121	2541012263	020-0000-141.00-00	3,146.00
10/17/2018	10360		JAVA DAVES EXECUTIVE COFFEE SE	003874	163987	020-5305-438.60-23	39.05
				003875	163975	020-5205-419.60-23	31.16
10/17/2018	10469		ATLAS COPCO COMPRESSORS LLC	003858	172359	020-5405-434.40-29	390.00
10/17/2018	10500		J & J BOWERS LAWN CARE LLC	003870	100818	020-5305-438.40-28	2,600.00
						10/17/2018 TOTAL -	356,148.32
						CUMULATIVE TOTAL -	625,303.80

FUND	020 BAMA						
DATE	VENDOR	VENDOR	VOUCHER	I NVOI CE	ACCOUNT		AMOUNT
DUE	NO	NAME	NO	NO	NO		
10/18/2018	42	ARROW SAFE AND LOCK INC	PI 5143	72530	020-0503-415.70-15		15.00
10/18/2018	92	WHITE STAR MACHINERY & SUPPLY	PI 4786	07189853	020-5400-434.60-20		16.99
10/18/2018	101	WELDON PARTS TULSA	PI 5094	217761600	020-5400-434.60-20		67.06
10/18/2018	240	GRAINGER	PI 5021	9939610482	020-5410-435.60-45		150.45
10/18/2018	9151	CLEAN THE UNIFORM CO OKLAHOMA	003910	50033368	020-5410-435.40-31		18.31
			003912	50034001	020-5400-434.40-31		487.55
			003913	50034001	020-5400-434.40-31		348.74
			003914	50034001	020-5415-435.40-31		73.19
			003915	50034001	020-5406-434.40-31		42.89
			003916	50034001	020-5130-437.40-31		9.37
			003917	50034001	020-5100-437.40-33		19.00
			003918	50034001	020-5120-437.40-33		25.00
			003919	50034000	020-5200-419.40-31		13.04
			003920	50034001	020-5120-437.40-31		105.52
			003923	50034001	020-5125-436.40-31		199.01
			003924	500000279	020-5400-434.40-31		71.46
			003928	50034604	020-5405-434.40-31		71.51
			003930	50034598	020-5305-438.40-31		141.73
			003932	50034598	020-5305-438.40-33		2.60
			004146	50034605	020-5410-435.40-31		23.16
			004147	50034001	020-5115-437.40-31		35.07
			004148	50035227	020-5100-437.40-33		4.00
			004149	50035227	020-5200-419.40-31		13.04
			004154	50035228	020-5115-437.40-31		35.07
			004156	50035228	020-5130-437.40-31		9.37
			004157	50035228	020-5120-437.40-31		102.26
			004158	50035228	020-5125-436.40-31		194.52
			004159	50035228	020-5120-437.40-33		29.00
			004160	50035228	020-5400-434.40-31		93.10
			004161	50035228	020-5400-434.40-31		140.40
			004162	50035228	020-5415-435.40-31		73.19
			004163	50035228	020-5406-434.40-31		44.10
			004164	50035652	020-5410-435.40-31		18.81
			004169	50035644	020-5305-438.40-31		147.78
			004171	50035644	020-5305-438.40-33		2.60
			004173	50035644	020-5305-438.40-31		6.05
			004178	50036268	020-5400-434.40-31		138.81
			004179	50036268	020-5415-435.40-31		73.19
			004180	50036268	020-5406-434.40-31		45.81
			004181	50036268	020-5115-437.40-31		35.07
			004182	50036268	020-5130-437.40-31		9.37
			004183	50036268	020-5120-437.40-31		100.26
			004184	50036268	020-5100-437.40-33		19.00
			004185	50036268	020-5120-437.40-33		25.00
			004190	50036714	020-5305-438.40-31		141.73
			004192	50036714	020-5305-438.40-33		2.60
10/18/2018	9892	GOODYEAR COMMERCIAL TIRE	PI 5122	2541012274	020-0000-141.00-00		1,064.44
					10/18/2018 TOTAL -		3,466.52
					CUMULATIVE TOTAL -		628,770.32
10/19/2018	8679	CORE & MAIN	PI 5119	J617710	020-0000-141.00-00		812.00
					10/19/2018 TOTAL -		812.00
					CUMULATIVE TOTAL -		629,582.32

FUND 020 BAMA	DATE DUE	VENDOR NO	VENDOR NAME	VOUCHER NO	INVOICE NO	ACCOUNT NO	AMOUNT
	10/22/2018	240	GRAINGER	PI 4986 PI 4987	9941502156 9941689052	020-0000-141.00-00 020-0000-141.00-00 10/22/2018 TOTAL - CUMULATIVE TOTAL -	151.08 79.32 230.40 629,812.72
	10/26/2018	194	ELLI'S CONST ACCESSORIES LTD	003960	208935	020-5305-438.70-15	62.50
	10/26/2018	518	ROBINSON GLASS	003967	395744	020-0503-415.70-15	298.00
	10/26/2018	891	STOREY WRECKER SERVICE INC	003972	473355	020-5125-436.40-20	198.69
				003973	473968	020-5125-436.40-20	168.00
	10/26/2018	3984	THE ARROW GROUP	003977	75238	020-1700-419.50-76	50.00
	10/26/2018	4513	CUSTOM SERVICES	003957	383183	020-5120-437.40-07	131.00
				003958	383215	020-5120-437.40-07	107.60
	10/26/2018	5282	THE MET	003975	2266	020-5125-436.50-10	10,024.75
	10/26/2018	5904	ADDCO ELECTRIC INC.	003945	23374	020-0503-415.70-15	725.00
	10/26/2018	10039	COVANTA ENERGY LLC	003952	196311CVTUL	020-5125-436.40-30	36,462.44
	10/26/2018	10214	TULSA'S GREEN COUNTRY STAFFING	004013	66051	020-5125-436.50-37	6,930.30
	10/26/2018	10339	J A KING & COMPANY LLC	003962	OKC32532	020-5410-435.30-87	888.00
	10/26/2018	11332	STAND-BY PERSONNEL	003969	201256	020-5125-436.50-37	2,101.60
				003982	201521	020-5125-436.50-37	2,449.40
				004010	203209	020-5125-436.50-37	1,554.00
						10/26/2018 TOTAL - CUMULATIVE TOTAL -	62,151.28 691,964.00
	10/29/2018	218	GRAPHIC RESOURCES & PRODUCTION	004058	385958	020-5205-419.40-55	64.70
	10/29/2018	319	OKLAHOMA MUNICIPAL LEAGUE	004068	069761	020-0302-413.30-11	225.00
	10/29/2018	355	INCOG	004059	222538	020-1700-419.30-85	9,977.75
				004061	222530	020-1700-419.30-85	1,858.12
				004062	222530	020-1700-419.30-85	1,858.13
	10/29/2018	574	SUPERION, LLC	004084	216723	020-0503-415.50-28	808.77
	10/29/2018	605	OKLAHOMA EMPLOYMENT SECURITY C	004067	3RD QTR 2018	020-1700-419.20-25	4,596.86
	10/29/2018	1772	FEDEX OFFICE	004057	57960004482	020-5410-435.40-28	22.16
	10/29/2018	2673	ACCURATE ENVIRONMENTAL LLC	004014	AJ15016	020-5410-435.30-34	100.00
	10/29/2018	6454	WASTE MANAGEMENT QUARRY LANDFI	004094	005113021850	020-5410-435.40-30	14,023.72
				004095	005105021850	020-5125-436.40-30	498.53
				004096	005114621856	020-5125-436.40-30	30.86
				004097	005104521850	020-5125-436.40-30	332.58
				004098	005114021859	020-5125-436.40-30	708.63
	10/29/2018	8919	BRIK'S INCORPORATED	004050	2397914	020-0503-415.50-28	547.03
	10/29/2018	10137	WAGONER CORRWD DISTRICT #4	004038	040	020-0503-415.50-28	150.00
	10/29/2018	10214	TULSA'S GREEN COUNTRY STAFFING	004093	65879	020-5125-436.50-37	5,522.40
	10/29/2018	10500	J & J BOWERS LAWN CARE LLC	004024	101818	020-5305-438.40-28	753.00
				004027	102218	020-5305-438.40-28	2,504.00
	10/29/2018	11436	SOUTHEASTERN FREIGHT LINES	004083	24833653	020-5120-437.60-23	384.94
	10/29/2018	11437	TRANSCEND ENGAGEMENT	004290	10401	020-1700-419.30-85	339.82
						10/29/2018 TOTAL - CUMULATIVE TOTAL -	45,307.00 737,271.00
	10/30/2018	9056	GERALD M. BROTHER	004106	OCT 2018	020-1700-419.70-17	100.00
	10/30/2018	10174	MICHAEL THOMPSON	004114	10/16/18	020-5410-435.30-11	56.50
				004115	10/24/18	020-5410-435.30-11	81.50
	10/30/2018	10892	GENEVA NICHOLLS	004105	10/09/18	020-5205-419.50-03	95.37

FUND 020 BAMA	DATE DUE	VENDOR NO	VENDOR NAME	VOUCHER NO	INVOICE NO	ACCOUNT NO	AMOUNT
10/30/2018	11383		BRADEN MORRISON	004103	10/12/18	020-5305-438.30-11	25.00
						10/30/2018 TOTAL -	358.37
						CUMULATIVE TOTAL -	737,629.37
10/31/2018	319		OKLAHOMA MUNICIPAL LEAGUE	004235	069487	020-5205-419.30-11	175.00
10/31/2018	574		SUPERIOR, LLC	004275	206737	020-0503-415.50-28	786.61
				004276	211576	020-0503-415.50-28	850.21
				004277	213721	020-0503-415.50-28	890.87
				004278	215205	020-0503-415.50-28	788.34
10/31/2018	677		ROYAL PRINTING	004273	51616	020-0503-415.60-23	15.50
10/31/2018	888		PREFERRED BUSINESS SYSTEMS	004240	080994	020-5410-435.40-33	167.00
				004241	081017	020-5400-434.40-33	165.00
				004248	OOX26A	020-5130-437.40-33	85.00
				004249	OOX26A	020-5100-437.40-33	85.00
				004250	OOX26A	020-5120-437.40-33	85.00
				004255	OOX26A	020-0503-415.40-33	85.00
10/31/2018	6090		RAM PRODUCTS INC	004262	160019095	020-5120-437.60-20	593.09
				004263	160019135	020-5120-437.60-20	93.63
				004264	160019602	020-5120-437.60-20	302.58
				004265	160020339	020-5120-437.60-20	147.77
				004266	160020925	020-5120-437.60-20	366.65
				004267	160021136	020-5120-437.60-20	521.07
				004268	160022446	020-5120-437.60-20	40.95
				004269	160022517	020-5120-437.60-20	192.08
				004270	160023221	020-5120-437.60-20	35.95
				004271	160023551	020-5120-437.60-20	75.71
10/31/2018	10360		JAVA DAVES EXECUTIVE COFFEE SE	004226	165726	020-5305-438.60-23	32.43
						10/31/2018 TOTAL -	6,580.44
						CUMULATIVE TOTAL -	744,209.81
11/05/2018	309		OKLAHOMA NATURAL GAS CO	000025	253747127	020-5415-435.50-24	41.19
				000026	254035382	020-5415-435.50-24	29.53
				000027	257659209	020-5415-435.50-24	42.28
				000111	257977409	020-5415-435.50-24	27.98
				000423	220544536	020-5415-435.50-24	26.52
				000424	253867927	020-5415-435.50-24	25.52
				004044	111356527	020-5305-438.50-24	61.66
				004047	110016445	020-5120-437.50-24	116.55
				006136	179009782	020-5100-437.50-24	115.89
11/05/2018	442		AMERICAN ELECTRIC POWER	000369	9553052871	020-5405-434.50-25	23,070.90
				000659	9509512540	020-5400-434.50-25	41.41
				000661	9529037750	020-5400-434.50-25	323.99
				000662	9535827230	020-5400-434.50-25	1,055.23
				000663	9525157130	020-5400-434.50-25	49.11
				000664	9572008130	020-5400-434.50-25	132.11
				000665	9579897130	020-5400-434.50-25	44.95
				000666	9579957130	020-5400-434.50-25	52.44
				003907	9588213380	020-5405-434.50-25	43,935.14
				009439	9525931030	020-1700-419.50-25	1,425.44
11/05/2018	7724		WINDSTREAM	004048	2598040	020-5100-437.50-22	183.72
				007568	4513524	020-5415-435.50-22	79.12

PREPARED 11/02/18, 7:02:22
PROGRAM GM314L
CITY OF BROKEN ARROW

ACCOUNTS PAYABLE BY FUND/ DUE DATE

PAGE 20

FUND	020 BAMA						
DATE	VENDOR	VENDOR	VOUCHER	I NVOI CE	ACCOUNT		AMOUNT
DUE	NO	NAME	NO	NO	NO		
			007570	3572491	020-5415-435.50-22		84.30
					11/05/2018 TOTAL -		70,964.98
					CUMULATI VE TOTAL -		815,174.79
11/06/2018	442	AMERI CAN ELECTRI C POWER	000660	9520400250	020-5400-434.50-25		44.98
11/06/2018	7782	TIGER, I NC.	003043	1100164	020-5120-437.50-24		3.57
			004049	1790097	020-5100-437.50-24		1.79
					11/06/2018 TOTAL -		50.34
					FUND 020 TOTAL -		815,225.13