

City of Broken Arrow
Meeting Agenda
Broken Arrow Municipal Authority

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

Tuesday, October 20, 2020

Council Chambers

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

1. Call to Order

2. Roll Call

3. Consideration of Consent Agenda

- A. [20-43](#) Approval of the Broken Arrow Municipal Authority Meeting Minutes of October 6, 2020
- B. [20-1230](#) Approval of and authorization to execute Budget Amendment Number 7 for Fiscal Year 2021
- C. [20-1293](#) Approve and authorize execution of an a agreement with Jacobs Engineering Group to provide Professional Engineering Services for the Risk and Resiliency Project (Project Number 2154090)
- D. [20-1291](#) Approval of and authorization to purchase three (3) 1/2-ton regular cab pickups from John Vance Motors, pursuant to the Oklahoma Statewide Vehicle contract, for the Fleet Maintenance Division
- E. [20-1286](#) Ratification of the Claims List Check Register dated October 13, 2020

4. Consideration of Items Removed from Consent Agenda

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

- A. [20-1312](#) Presentation of Launch Data for the Curbside Cart Program

6. General Authority Business - NONE

7. Remarks and Updates by City Manager and Staff

8. Executive Session - NONE

9. Adjournment

NOTICE:

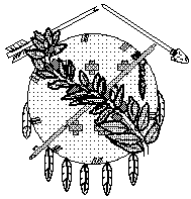
If you wish to speak at this evening's meeting, please fill out a "Request to Speak" form. The forms are available from the City Clerk's table or at the entrance door. Please turn in your form prior to the start of the meeting. Topics are limited to items on the currently posted agenda, or relevant business.

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 _____, 2020, at _____ a.m./p.m.

City Clerk



City of Broken Arrow

Request for Action

File #: 20-43, Version: 1

**Broken Arrow Municipal Authority
Meeting of: 10-20-2020**

Title:

Approval of the Broken Arrow Municipal Authority Meeting Minutes of October 6, 2020

Background:

Minutes recorded for the Broken Arrow Municipal Authority Meeting.

Cost: None

Funding Source: None

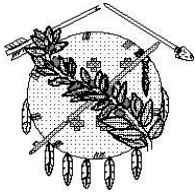
Requested By: Russell Gale, Assistant City Manager of Administration

Approved By: City Manager's Office

Attachments: October 6, 2020 Broken Arrow Municipal Authority Minutes

Recommendation:

Approve the minutes of the October 6, 2020 Broken Arrow Municipal Authority Meeting.



City of Broken Arrow
Minutes
Broken Arrow Municipal Authority

City Hall
220 S 1st Street
Broken Arrow OK
74012

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

Tuesday, October 6, 2020

Council Chambers

1. Call to Order

Chairperson Craig Thurmond called the meeting to order at approximately 9:04 p.m.

2. Roll Call

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

3. Consideration of Consent Agenda

- A. 20-42 Approval of the Broken Arrow Municipal Authority Meeting Minutes of September 15, 2020**
- B. 20-1160 Acknowledgement of submittal of the Broken Arrow Municipal Authority's Water Supply Report for the month of August 2020**
- C. 20-1161 Acknowledgement of submittal of the Broken Arrow Municipal Authority's Wastewater Discharge Monitoring Report for the month of August 2020**
- D. 20-1232 Approval of and authorization to execute Budget Amendment Number 9 for Fiscal Year 2021**
- E. 20-1130 Approval of and authorization to execute Professional Consultant Agreement with Holloway, Updike and Bellen, Inc. for Wastewater Collection System Rehabilitation - Lynn Lane WWTP Subbasin LL34 (Project Number 2154320)**
- F. 20-1152 Approval of and authorization to execute Amendment No. 1 to Professional Consultant Agreement with PMWeb, Inc. for Project Controls System Implementation Phase 2 (Project No. 2152070)**
- G. 20-1200 Approval of and authorization to execute an agreement with Garver, LLC to provide Professional Engineering Services for the Water Distribution Corrosion Control Study Project (Project No. 2154100)**
- H. 20-1211 Ratification of the Claims List Check Register dated September 29, 2020**
Chairperson Thurmond asked if there were any items to be removed from the Consent Agenda. There were none.

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

Move to approve the Consent Agenda

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

No Items were removed from the Consent Agenda; no action was taken or required.

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

City Manager Spurgeon reported Cascade, the company selected to distribute the trash and recycling carts, had not met its obligation of delivering the carts last Friday. He stated cart distribution continued and would hopefully be completed by the end of this week. He noted there had been a few operational challenges which were being overcome. He stated the next few weeks of transition would be challenging, but he felt the City was making excellent efforts. He thanked Russell Gale and Mackenzie Jones.

Trustee Johnnie Parks asked if the City had all the carts at this point. City Manager Spurgeon responded there was one delivery pending.

Vice Chair Eudey stated he had his carts, his pickup date was today, and he was excited to bring the carts out to the road this morning.

8. Executive Session

There was no Executive Session.

9. Adjournment

The meeting adjourned at approximately 9:08 p.m.

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

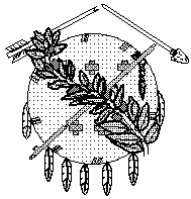
Move to adjourn

The motion carried by the following vote:

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

Chairperson

Secretary



City of Broken Arrow

Request for Action

File #: 20-1230, **Version:** 1

**Broken Arrow Municipal Authority
Meeting of: 10-20-2020**

Title:

Approval of and authorization to execute Budget Amendment Number 7 for Fiscal Year 2021

Background:

The Municipal Budget Act adopted by the City Council and the Authority allows the amendment of the budget at any time during the year for necessary expenditures incurred that exceed the original budget or when circumstances warrant the action.

For budgetary compliance required by law, Budget Amendment Number 7 is to provide funding for purchase orders issued or contracts entered into during the previous fiscal year that continue into Fiscal Year 2021. The City's practice is to liquidate encumbrances at the end of the previous fiscal year and re-encumber in the current fiscal year. Funds are available in Fund Balance as a result of the liquidated encumbrances.

Cost: \$13,279,640.00

Funding Source: Fiscal Year 2020 liquidated encumbrances

Requested By: Cynthia Arnold, Finance Director

Approved By: City Manager's Office

Attachments: Budget Amendment #7 for Fiscal Year 2021

Recommendation:

Approval of and authorization to execute Budget Amendment Number 7 for Fiscal Year 2021.

Fund 220
BUDGET AMENDMENT #7
FISCAL YEAR 2021
10/20/20

Estimated Revenue, Fund Balance or Transfers in

Account Number	Description	Balance before Amendment	Amount of Amendment	Balance after Amendment
Fiscal Year 2020 Liquidated Encumbrances	To use the fund balance that resulted from the liquidation of encumbrances in Fiscal Year 2020	\$ 13,279,640	\$ (13,279,640.00)	\$ -
		\$ 13,279,640	\$ (13,279,640.00)	\$ -

Appropriations

Account Number	Project	Description	Balance before Amendment	Amount of Amendment	Balance after Amendment
2201700-530870		Professional Services	\$ 75,000.00	\$ 10,000.00	\$ 85,000
2201700-570170	191721	Software Upgrade - City Facility	\$ -	\$ 799,911.00	\$ 799,911
2205100-560240		Other Equipment	\$ 2,600.00	\$ 1,748.00	\$ 4,348
2205100-570170	205101	Maint Center & Met Lot	\$ -	\$ 4,500.00	\$ 4,500
2205120-570020	205103	Service Repair Truck	\$ -	\$ 32,808.00	\$ 32,808
2205125-530870		Professional Services	\$ -	\$ 37,350.00	\$ 37,350
2205125-560240		Other Equipment	\$ 5,000.00	\$ 7,900.00	\$ 12,900
2205125-570020	205108	Sanitation Truck	\$ -	\$ 64,727.00	\$ 64,727
2205125-570020	205109	Sanitation Trucks (2)	\$ -	\$ 125,647.00	\$ 125,647
2205125-570020	205108	Sanitation Truck	\$ -	\$ 2,250.00	\$ 2,250
2205125-570020	205109	Sanitation Trucks (2)	\$ -	\$ 4,500.00	\$ 4,500
2205125-570020	205118	Sanitation Trucks (3)	\$ -	\$ 857,505.00	\$ 857,505
2205125-570170	205116	Recycling Implementation	\$ -	\$ 28,200.00	\$ 28,200
2205125-570170	205119	Tipppers - Current Trucks	\$ -	\$ 54,971.00	\$ 54,971
2205125-570170	205120	Sanitation Carts	\$ -	\$ 3,189,035.00	\$ 3,189,035
2205125-570170	205119	Tipppers - Current Trucks	\$ -	\$ 481.00	\$ 481
2205205-570170	205213	Project Mgmt Software	\$ -	\$ 77,451.00	\$ 77,451
2205215-530870		Professional Services	\$ 35,000.00	\$ 5,910.00	\$ 40,910
2205305-540280		Miscellaneous Contract Services	\$ 150,000.00	\$ 28,628.00	\$ 178,628
2205305-570020	195301	Truck w/Utility Bed	\$ -	\$ 91,722.00	\$ 91,722
2205305-570030	205311	E45 Bobcat Excavator	\$ -	\$ 74,826.00	\$ 74,826
2205400-530870		Professional Services	\$ 2,500.00	\$ 20,000.00	\$ 22,500
2205400-540280		Miscellaneous Contract Services	\$ 64,100.00	\$ 4,700.00	\$ 68,800
2205400-560240		Other Equipment	\$ 27,200.00	\$ 5,600.00	\$ 32,800
2205400-570020	205406	1/2 Ton Truck	\$ -	\$ 23,500.00	\$ 23,500
2205400-570030	205403	Backhoe	\$ -	\$ 82,400.00	\$ 82,400
2205400-570160	WL1609	24' Waterline from 5MG Tank	\$ 800,000.00	\$ 24,650.00	\$ 824,650
2205400-570160	WL1603	Waterline Tuscon-15th to 23rd	\$ -	\$ 6,100.00	\$ 6,100
2205400-570160	165424	2-3 MG Elavated Water Tank	\$ -	\$ 97,420.00	\$ 97,420
2205400-570160	195424	Water System Model	\$ 29,300.00	\$ 98,100.00	\$ 127,400
2205400-570160	WL1903	Kenwood Hills Water Improvements	\$ -	\$ 8,500.00	\$ 8,500
2205400-570160	195425	Taste & Odor Evaluation	\$ 243,100.00	\$ 19,200.00	\$ 262,300
2205400-570160	195426	5MG Tank Restore - Battle Creek	\$ 31,700.00	\$ 18,000.00	\$ 49,700
2205400-570160	195422	Old Town Water Model	\$ 55,300.00	\$ 30,800.00	\$ 86,100
2205400-570160	195427	Northside Water System	\$ -	\$ 39,400.00	\$ 39,400
2205405-540070		Building Maintenance	\$ 50,000	\$ 12,000.00	\$ 62,000
2205405-560450		Repairs & Replacements	\$ 225,000	\$ 23,300.00	\$ 248,300
2205405-570160	175436	WTP Plate Settlers	\$ -	\$ 35,000.00	\$ 35,000
2205405-570160	205423	Surge Tank Repairs	\$ -	\$ 2,500.00	\$ 2,500
2205405-570170	195407	Hach Wims Software	\$ -	\$ 20,500.00	\$ 20,500
2205405-570170	195409	HVAC Chlorine Room	\$ -	\$ 7,900.00	\$ 7,900
2205405-570170	195410	HVAC-Raw Water Pump Station	\$ -	\$ 13,000.00	\$ 13,000
2205405-570170	195408	CIP Tank Replacement	\$ -	\$ 2,300.00	\$ 2,300
2205405-570170	205427	Microwave Antenna Replacement	\$ -	\$ 330,000.00	\$ 330,000
2205410-570020	205431	1/2 Ton Truck	\$ -	\$ 23,300.00	\$ 23,300
2205410-570150	S.1802	LLWWTP Headworks Screening	\$ -	\$ 134,200.00	\$ 134,200
2205410-570160	165420	Sreening Facility Rehab	\$ -	\$ 54,200.00	\$ 54,200

Fund 220
BUDGET AMENDMENT #7
FISCAL YEAR 2021
10/20/20

Appropriations (continued)

Account Number	Project	Description	Balance before Amendment	Amount of Amendment	Balance after Amendment
2205410-570160	165422	Secondary Clarifier Rehab	\$ -	\$ 52,100.00	\$ 52,100
2205415-530870		Professional Services	\$ 18,000	\$ 18,000.00	\$ 36,000
2205415-540280		Miscellaneous Contract Services	\$ 440,000	\$ 25,600.00	\$ 465,600
2205415-570020	205438	Sewer Jet Truck	\$ -	\$ 177,200.00	\$ 177,200
2205415-570150	S.1504	Bar Screens - 6 Lift Stations	\$ 7,800	\$ 30,000.00	\$ 37,800
2205415-570150	195430	County Line Emergency Repairs	\$ -	\$ 77,000.00	\$ 77,000
2205415-570150	S.1609	County Line Trunk Sewer	\$ -	\$ 5,856,900.00	\$ 5,856,900
2205415-570150	S.2002	Adams Creek NW Lift Station	\$ -	\$ 79,000.00	\$ 79,000
2205415-570160	S.1606	Elm Creek Trunk Line	\$ -	\$ 187,400.00	\$ 187,400
2205415-570160	S.1603	Oak Crest Addn. Collection Lines	\$ -	\$ 129,200.00	\$ 129,200
2205415-570160	S.1604	East Haskell Addn. Collection Lines	\$ -	\$ 10,600.00	\$ 10,600

\$	2,261,600	\$	13,279,640	\$	15,541,240
-----------	------------------	-----------	-------------------	-----------	-------------------

Explanation

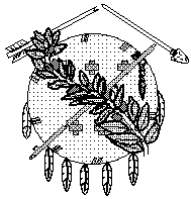
For budgetary compliance required by law, Budget Amendment Number 7 is to provide funding for purchase orders issued or contracts entered into during the previous fiscal year that continued into Fiscal Year 2021

Approved by BAMA
Tuesday, October 20, 2020

Attest by Secretary

Chairman, Craig Thurmand

Curtis Green



City of Broken Arrow

Request for Action

File #: 20-1293, Version: 1

**Broken Arrow Municipal Authority
Meeting of: 10-20-2020**

Title:

Approve and authorize execution of an a agreement with Jacobs Engineering Group to provide Professional Engineering Services for the Risk and Resiliency Project (Project Number 2154090)

Background:

Per the America's Water Infrastructure Act of 2018 (AWIA), the Environmental Protection Agency requires the completion of a Risk and Resiliency Assessment (RRA) to be completed by December 31, 2020 and an Emergency Response Plan (ERP) completed exactly six months later. EPA recommends the use of standard AWWA J100-10 Risk and Resilience Management of Water and Wastewater Systems to facilitate the assessments and plans. Due to the complicated nature of this assessment and response plan standard, the Utilities Department is requesting the assistance of Jacobs to complete the RRA and ERP. Jacobs has an experienced team dedicated to this task. Jacobs will evaluate the City of Broken Arrow's water treatment and distribution system and complete the Risk and Resiliency Assessment followed by the Emergency Response Plan within the required time frame.

The fee for this project is \$74,770.00. Funding for the project will be from the Utilities Department Operations and Maintenance (O&M) budget, Project Number 2154090.

Cost: \$74,770.00

Funding Source: Utilities Department O&M Budget

Requested By: Charles Vokes, Utilities Director

Approved By: City Manager's Office

Attachments: Agreement BAMA RRA-ERP Project 2154090

Recommendation:

Approve and authorize execution of an a agreement for Professional Engineering Services with Jacobs Engineering Group for the Risk and Resiliency Project.

**BROKEN ARROW MUNICIPAL AUTHORITY (BAMA)
PROFESSIONAL SERVICES AGREEMENT
RRA AND ERP (AWIA 2018)
PROJECT NUMBER: 2154090**

1. Professional Service Provider:

- a. Name: Jacobs Engineering Group Inc.
- b. Telephone No.: 918-921-6050
- c. Address: 401 S Boston, Suite 330, Tulsa, OK 74103

2. Project Title and Location: Risk and Resilience Assessment (RRA) and Emergency Response Plan (ERP) (AWIA 2018) for the City of Broken Arrow water utility. Physical facilities are located throughout the City of Broken Arrow, including the Water Treatment Plant, pump stations, storage tanks. Additional facilities include Information Technology (IT) infrastructure as it relates to the water utility system.

3. Contract for: Providing professional consulting services associated with public works projects for the BAMA. Professional services to include developing the Assessments and Reports for Risk and Resilience and to develop the Emergency Response Plans and related support services. The Professional Service Provider shall perform all duties, responsibilities and requirements set out in Attachment A hereto. The Professional Service Provider agrees that this professional service shall be treated as an important service to BAMA and also agrees to commit the time necessary to perform the professional services in a professional manner.

4. Compensation: Professional Service Provider shall be compensated on a lump sum basis in accordance with the attached fee schedule. The total compensation under this contract is Not to Exceed Seventy-Four Thousand Seven Hundred Seventy and No/100 (\$74,770.00) for the entire Scope of the Professional Services rendered. The parties agree that the Professional Service Provider's position is not a traditional BAMA employee position; therefore, the foregoing constitutes all the benefits and other forms of compensation due the Professional Service Provider, acting in the role of an independent contractor, and therefore ineligible for all other benefits paid to regular full-time BAMA employees. The Professional Service Provider shall be responsible for his own vehicle expenses and any other indirect costs incurred in fulfilling the stated contract requirements. The Professional Service Provider agrees to abide by and comply with all of BAMA's Administrative Policies.

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

6. Time for Performance: These duties, responsibilities and requirements shall begin upon the execution of this Contract and shall be completed by June 30, 2021. BAMA will issue a Notice to Proceed for each item of work identified under this agreement, following mutual agreement

between the Professional Service Provider and BAMA on the hours required for the work item.

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

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

- (1) General Liability Insurance, with a combined single limit of \$1,000,000 for each occurrence and \$1,000,000 in the aggregate;
- (2) Automobile Liability Insurance, with a combined single limit of \$1,000,000 for each person, \$1,000,000 for each accident and \$1,000,000 for property damage; and
- (3) Professional Liability Insurance, with a limit of \$1,000,000 annual aggregate.

8. Indemnification: The Professional Services Provider agrees to defend, indemnify, and hold harmless BAMA, and its agents and employees, from and against legal liability for all claims, losses, damages, and expenses to the extent such claims, losses, damages, or expenses are caused by the negligent or intentional acts, errors, or omissions of The Professional Services Provider, its agents or employees.

9. Immigration Compliance: The Professional Service Provider shall comply in all respects with all immigration-related laws, statutes, ordinances and regulations including without limitation, the Immigration and Nationality Act, as amended, the Immigration Reform and Control Act of 1986, as amended, and the Oklahoma Taxpayer and Citizen Protection Act of 2007 (Oklahoma HB 1804) and any successor laws, ordinances or regulations (collectively, the Immigration Laws”).

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

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

11. Electronic Signatures:

The Parties agree this transaction may be completed by electronic means and an electronic signature on this Contract will be given the same legal effect as a handwritten signature and cannot be denied enforceability solely because is it in electronic form. If the Professional Services

Provider signs this Contract electronically and/or submits documents electronically, the Professional Services Provider agrees to comply with BAMA's requirements for submission of electronically signed and/or submitted documents.

12. Governing Law: This agreement shall be governed by the laws of the State of Oklahoma and venue for any action concerning this Agreement shall be in the District Court of Tulsa County, Oklahoma.

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

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

REMAINDER OF PAGE INTENTIONALLY BLANK

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

Broken Arrow Municipal Authority, a Public Trust:

Professional Service Provider:
Jacobs Engineering Group Inc.

By: _____
Michael L. Spurgeon
General Manager

Date: _____

Attest: _____
Secretary [Seal]

Date: _____

By: Jennifer Kassa
Jennifer Kassa

Title: Designated Manager

Date: 10/8/2020

Attest: Justin Johnson
By: _____

Justin Johnson

Title: Corporate Secretary

Date: 10/8/20

Approved as to form:

Assistant City Attorney

VERIFICATIONS

State of Oklahoma)
) §
County of Tulsa)

Before me, a Notary Public, on this 8th day of October 2020, personally appeared Jennifer Kassa, known to me to be the Designated Manager of Jacobs Engineering Group Inc. to be the identical person who executed the within and foregoing instrument, and acknowledged to me that s/he executed the same as his/her free and voluntary act and deed for the uses and purposes therein set forth.



Amanda M. George
cn=Amanda M. George, c=US,
email=amanda.george@jacobs.com
2020.10.08 19:12:06 -05'00'

Amanda M. George

Notary Public



SECRETARY CERTIFICATE

I, Justin Johnson, Secretary of Jacobs Engineering Group Inc. (the "Company"), hereby certify that:

Jennifer Kassa is the Designated Manager of the Company and has been granted authority to sign documents on behalf of the Company.

I hereby further certify that Secretary Certificate remains in full force and effect at the date of this Certification.

Dated this 8th day of October 2020.

A handwritten signature in blue ink, appearing to read "Justin Johnson", written over a horizontal line.

Justin Johnson, Secretary



**BROKEN ARROW MUNICIPAL AUTHORITY (BAMA)
PROFESSIONAL SERVICES AGREEMENT
RRA AND ERP (AWIA 2018)
PROJECT NUMBER: 2154090**

ATTACHMENT A

SP - 1.0 SCOPE OF THE PROJECT:

1.1. Providing Professional Consulting and Related Support Services associated with Risk and Resilience Assessment (RRA) and Emergency Response Plan (ERP) (AWIA 2018) for the City of Broken Arrow water utility. Physical facilities are located throughout the City of Broken Arrow, including the Water Treatment Plant, pump stations, storage tanks. Additional facilities include Information Technology (IT) infrastructure as it relates to the water utility system. Work performed under the contract shall be performed on a lump sum contract as requested by BAMA.

SP- 2.0 SERVICES OF THE BAMA: BAMA WILL:

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

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

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

3.1 Introduction

This task order describes the services to be rendered by Jacobs Engineering Group Inc. (Jacobs) to perform a Risk and Resilience Assessment (RRA) and the Emergency Response Plan (ERP) for the City of Broken Arrow (City) drinking water system in compliance with the America's Water Infrastructure Act (AWIA) of 2018 [Sec. 2013. Community Water System Risk and Resilience]. This Task Order is intended to provide the services that are described in Article B (Scope of Services).

3.2 Project Understanding

In October 2018, the AWIA was enacted and requires community water systems serving more than 3,300 people to develop RRAs in accordance with the regulatory requirements and schedule described in the Act. The RRAs effectively replace the vulnerability assessments (VAs) previously conducted in accordance with the Public Health Security and Bioterrorism Preparedness and Response Act of 2002 (Public Law 107-188, Title IV – Drinking Water Security and Safety), and require water systems to address:

**BROKEN ARROW MUNICIPAL AUTHORITY (BAMA) PROFESSIONAL SERVICES AGREEMENT
RRA AND ERP (AWIA 2018) PROJECT NUMBER: 2154090
ATTACHMENT A**

- Risk to the system from malevolent acts and natural hazards
- The resilience of the pipes/conveyances, physical barriers, source water, water collection/intake, pretreatment, treatment, storage/distribution facilities, and electronic/computer (including their security) systems
- Monitoring practices
- Financial infrastructure
- Use, storage, or handling of chemicals
- Operation and maintenance of the system
- Capital and operational needs for risk and resilience management of the system (optional)

Letters of certification stating completion of the RRAs must be submitted to the U.S. Environmental Protection Agency (USEPA), for water systems with populations served of 50,000 to 100,000, by December 31, 2020.

Additionally, AWIA requires a water system ERP to:

- Incorporate the findings of the risk and resilience assessment.
- Include strategies and resources to improve the resilience of the system, including the physical security and cybersecurity of the system.
- Include plans and procedures that can be implemented, and identification of equipment that can be utilized, in the event of a malevolent act or natural hazard that threatens the ability of the community water system to deliver safe drinking water.
- Include actions, procedures, and equipment that can obviate or significantly lessen the impact of a malevolent act or natural hazard on the public health and the safety and supply of drinking water provided to communities and individuals, including the development of alternative source water options, relocation of water intakes, and construction of flood protection barriers.
- Include strategies that can be used to aid in the detection of malevolent acts or natural hazards that threaten the security or resilience of the system.

Letters of certification stating completion of the ERPs must be submitted to the USEPA, for water systems with populations served of 50,000 to 100,000, by six months from the RRA completion date, and no later than June 30, 2021.

3.3 Jacobs' Approach

Jacobs will conduct the City's RRA using currently accepted standard guidance and methodology such as the American Water Works Association (AWWA) Risk and Resilience Management of Water and Wastewater Systems J100-10 standard (2010). The J100-10 standard provides a method for utilities to assess risk associated with different types of threats (malevolent acts, natural hazards, dependency hazards, and proximity hazards) to critical infrastructure assets. This is a more comprehensive approach than was typically applied by utilities in the early 2000s for VAs, which generally focused only on malevolent acts.

The methodology includes identification of risk reduction/increased resiliency measures to manage risks. This methodology considers criticality of assets and consequences as part of the

**BROKEN ARROW MUNICIPAL AUTHORITY (BAMA) PROFESSIONAL SERVICES AGREEMENT
RRA AND ERP (AWIA 2018) PROJECT NUMBER: 2154090
ATTACHMENT A**

process, enabling the City to focus on risk reduction and increased resiliency improvements for assets and operations that are most critical to the continuity of its mission. The methodology also includes general, system-wide physical and operational security considerations.

The development of the RRA will require close collaboration with the City regarding assets, threats/hazards, consequences, and water system knowledge, and data input into a J100-10 risk assessment tool: Jacobs' customized Microsoft Excel tool. Jacobs will review the City's existing VA, ERP and other related documents to gain an initial understanding of the City's water system and critical assets and threats, and to identify the gaps necessary for compliance with AWIA.

One of Jacobs' main goals for these document reviews will be to use existing City information/plans relevant to AWIA requirements to the extent possible, to maximize the efficiency of preparing the RRA and ERP. This scope and accompanying level of effort/budget were prepared conservatively, that is, with the assumption that required RRA and ERP elements are largely not in place or are substantially out of date, and therefore need to be developed as part of this task order. To the extent that Jacobs' document reviews and other information-gathering activities indicate that there are RRA and/or ERP elements in place that appear to satisfy AWIA requirements already, and Jacobs' level of effort would be substantially different than originally assumed, Jacobs will communicate that to the City. In any case, this task order will only address updates that relate to the potable water system, consistent with the focus and requirements of the AWIA. The tasks making up this scope of services are as follows:

3.4 Tasks

3.4.1 Task 1 – Project Management

Jacobs will provide overall project and quality management for the project in this task. Regularly scheduled internal project meetings, oversight of the various project tasks, and overall coordination with the City's project team will be included in this task.

Upon execution of the task order, Jacobs will develop a Project Execution Plan (PEP) that will be the primary work plan guiding work to be completed on this project. The PEP will be updated as necessary to reflect project changes. The PEP will include the following major components:

- Overview and Scope of Work (SOW)
- Objectives and Critical Success Factors
- City or Broken Arrow Water Utility and Jacobs Contact Information
- Task Breakdown with Staffing Plan and Level of Effort
- Risk Management Plan
- Change Management Plan
- Document Management Plan
- Health, Safety, Security, and Environmental Plan
- Quality Management Plan (QMP)

Jacobs' QMP will identify the overall and individual task quality assurance (QA)/quality control (QC) leads for the project. The plan will outline QA/QC activities based on the task deliverables

outlined below and the QA/QC reviewer for each deliverable, as well as overall QA/QC procedures for the project. All deliverables provided to the City will be reviewed by a Jacobs QA/QC resource prior to delivery to maintain QA/QC procedures and to validate alignment with the scope objectives.

Project management will be conducted by Jacobs and will include coordination with the City, schedule management, monthly progress report development, and project team oversight. Project management tasks include the following, in addition to the development of the PEP noted above:

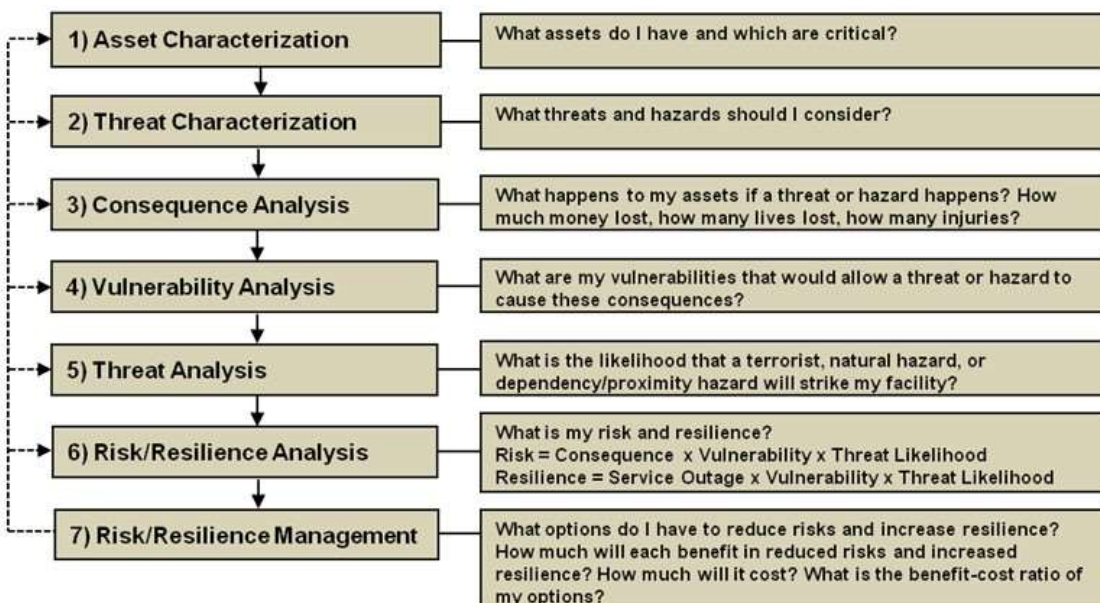
- Jacobs will participate in monthly progress meetings with the City team and prepare and submit monthly progress reports.
- Jacobs will conduct project management activities, focusing on ensuring the Jacobs team adheres to its scope, schedule, budget, and work product quality obligations to the City.
- Jacobs will provide project archiving and filing for long-term information access
- Jacobs will lead a project kickoff meeting with the City (one hour, attended by Jacobs' project manager in person and two task leaders via teleconference).
- Jacobs will prepare and submit an information request for City documents pertinent to RRA and ERP development.

Deliverables:

- Project kickoff meeting agenda and summary, pdf
- List of information needs, pdf
- Monthly progress reports and invoices, pdf

3.4.2 Task 2 – Risk and Resilience Assessment for the Water System

Jacobs will conduct the RRA using the J100-10 standard noted above, which consists of seven successive steps depicted below (excerpted from the J100-10 standard). The consequences, vulnerability, and threat likelihood associated with each critical threat-asset pair will be evaluated to develop relative risk values.



**BROKEN ARROW MUNICIPAL AUTHORITY (BAMA) PROFESSIONAL SERVICES AGREEMENT
RRA AND ERP (AWIA 2018) PROJECT NUMBER: 2154090
ATTACHMENT A**

Jacobs will incorporate applicable data from previous City vulnerability/risk assessments and reports related to asset criticality, infrastructure resilience, and other RRA elements, as appropriate.

The services to be provided for this task are as follows:

- Jacobs will conduct a water system RRA and develop an RRA report.
- Jacobs will conduct the water system RRA in accordance with the currently accepted industry standard guidance and methodology, American Water Works Association (AWWA) Risk and Resilience Management of Water and Wastewater Systems J100-10 standard (2010). The J100-10 standard provides a method for utilities to assess risk associated with different types of threats (malevolent acts, natural hazards, dependency hazards, and proximity hazards) to water system mission-critical infrastructure assets.
- Jacobs will follow the J100-10 standard seven successive steps depicted above. The consequences, vulnerability, and threat likelihood associated with each water system threat-asset pair will be evaluated to calculate risk and resilience values for critical assets and their applicable threats. The methodology includes identification of risk reduction/increased resiliency measures to manage risks.

The J100-10 method consists of seven successive steps described below. It is important to provide a brief overview of the J100-10 methodology to understand how the project team will execute each of the steps. In brief, the seven steps are as follows:

1. *Asset Characterization* identifies facilities and assets to be evaluated. Asset characterization is intended to produce a list of a utility's most critical assets to consider in subsequent steps of the VA methodology. Jacobs will complete a preliminary prioritization of water system assets in coordination with the City.
2. *Threat Characterization* classifies the types of threats that will be considered, which include malevolent threats, natural hazards, and dependency and proximity hazards. Jacobs will conduct the threat characterization step with the City to identify applicable threats and hazards for the remainder of the RRA process.
3. *Consequence Analysis* evaluates each threat-asset pair to determine the consequence ("C") impact and review potential loss event scenarios for each threat-asset pair having a high estimated impact. Consequence analysis estimates each critical asset's losses from exposure to each specific threat or hazard and applies a worst-reasonable-case assumption in evaluating threat-asset pairs in the following minimum five consequence dimensions: number of fatalities, number of serious injuries, financial loss to the utility, economic losses to the community, as applicable/desired, and service denial, typically expressed in water production or transmission capacity loss. Jacobs will also work with the City to identify and provide approximations of other types of significant consequences, such as loss of public/customer confidence and environmental impact.
4. *Vulnerability Analysis* determines the vulnerability value ("V") for each threat-asset pair. Vulnerability analysis estimates the likelihood that, given the occurrence of a threat/hazard, the

threat/hazard causes the consequences estimated previously. For malevolent threats, this is equivalent to estimating the likelihood of success by the adversary.

5. *Threat Analysis* determines the threat value (“T”) likelihood for malevolent, natural hazard, dependency, and proximity incidents based on best available information and professional judgement. Factors to be considered for determination of the likelihood of a malevolent act may include: the number of attacks on the United States per year; the likelihood of an attack on the Broken Arrow area; and local data and history. For natural threats, Jacobs uses government likelihood sources per the J100-10 methodology.

6. *Risk/Resilience Analysis* incorporates the results of the previous tasks and estimates relative risk and resilience values for each threat-asset pair. The consequence, vulnerability, and threat results from the previous tasks are the inputs to the risk equation. The formula $Risk (R) = C (Consequence) * V (Vulnerability) * T (Threat Likelihood)$, is used, which estimates relative risk values in units of cost (annual dollars).

7. *Risk/Resilience Management* summarizes recommendations for reducing the risks identified in previous tasks. For each risk reduction recommendation, a preliminary, high-level cost estimate will be prepared along with a timeline for the suggested implementation.

3.4.2.1 Task 2.1 – Threat-Asset Workshop, Interviews, and Site Visits

Jacobs will conduct a Threat-Asset Workshop to identify the most critical assets within, and threats to, the drinking water system. The 2-hour workshop will also identify the personnel that need to be interviewed to provide sufficient information on the AWIA requirements. Jacobs will conduct up to five (5) City staff interviews to gain an understanding of the City’s security and emergency preparedness program and address the necessary AWIA RRA topics as noted above.

Once the documents have been provided from the information request in Task 1, Jacobs will review them as background and a foundation for the development of the RRA. As noted earlier in this scope of work, it is Jacobs’ intent to make the most of existing City plans and/or other documents or programs to achieve AWIA compliance and avoid any recreation of existing materials. Following the threat-asset workshop, site visits will be made by up to (1) Jacobs RRA team member to visit each of the critical assets determined in the above workshop over the course of 2-3 days.

- Jacobs will conduct site visits with one staff to assess critical water system assets and obtain information and data necessary to conduct the RRA. The Jacobs staff will be on-site for 2-3 days to physically inspect critical assets and collect other risk and resilience information from the City.
- An additional Jacobs project team member will virtually collect the necessary information to assess the security and resiliency of electronic/computer systems using a Cybersecurity Evaluation Tool (CSET) tool.

3.4.2.2 Task 2.2 Threat Characterization, Consequence Analysis, Vulnerability Analysis, and Threat Likelihood Analysis

The purpose of this task is to pull together the data obtained during the site visits and the information provided by the City to develop the consequences, vulnerabilities, and threat analysis in accordance with the J100-10 methodology. In addition, the risk and resilience analyses are performed, resulting in a ranked set of threat-asset pairs, according to magnitude of annual risk expressed in approximate relative dollar terms.

Threat Characterization

For this subsection, Jacobs working with City staff will classify the types of threats that will be considered, and incorporating the results of the Task 2.1 workshop, which typically include malevolent acts, natural hazards, dependency, and proximity hazards. These will likely include threats that were not considered in the previous VA, which most likely addressed only malevolent threats.

The following items will be completed using the threats that are identified:

- Develop and/or revise the number and capabilities for malevolent threats, as necessary.
- Describe natural hazards that have occurred or could occur in the area and have a significant effect on the system and/or its individual facilities.
- Describe dependency hazards such as interruptions of utilities, suppliers, employees, transportation, and/or others.
- Identify any proximity hazards, e.g., dangerous neighboring sites.
- Identify which threats apply to which assets.
- Evaluate and rank the resulting threat-asset pairs based on initial consequence estimates.

Consequence Analysis

The purpose of this subtask is to evaluate each threat-asset pair to determine the consequence (“C”) impact and review potential loss event scenarios for each threat-asset pair having a high estimated impact. Consequence analysis estimates each critical asset’s losses from exposure to each specific threat or hazard and applies the worst-reasonable-case assumption in evaluating threat-asset pairs in the following minimum five consequence dimensions noted earlier in this document.

The consequence analysis will be completed using the following procedures:

- Apply “worst-reasonable-case” assumptions for each threat, consistent with J100-10 methodology.
- Estimate consequences in quantitative measures and dimensions noted above.
- Document specific assumptions and procedures used for conducting the consequence analysis.
- Record the consequence estimates for use in the risk and resilience analysis.

Jacobs will review the preliminary results of the consequence analysis with the City team to share Jacobs’ progress and gain agreement on the work in progress.

Vulnerability Analysis

The purpose of this subtask is to estimate the vulnerability value (“V”) for each threat-asset pair. Vulnerability analysis estimates the likelihood that, given the occurrence of a threat, it causes the consequences estimated previously. For malevolent threats, this is equivalent to estimating the likelihood of success by the adversary.

The following procedures will be used to conduct the vulnerability analysis:

- Review details of facility critical asset construction, systems, and layout as necessary. This includes physical security and other physical or operational impediments to threats. Based on this review, identification of vulnerabilities or weaknesses in the sites’ respective protection systems will be identified.
- Estimate the likelihood that the threat will result in the consequences estimated previously, based on the particular threat characteristics and facility features.
- Document the method used for conducting the vulnerability analysis.
- Record vulnerability estimates in the risk spreadsheet.

Jacobs will review the preliminary results of the vulnerability analysis with the City team to share Jacobs’ progress and gain agreement on the work in progress.

Threat Likelihood Analysis

The purpose of this subtask is to determine the threat value (“T”) likelihood for malevolent, natural hazard, dependency, and/or proximity threats consistent with the J100-10 methodology. For malevolent threats, the likelihood can be estimated based on the adversary’s objectives and capabilities as well as the attractiveness of the region, facility, and threat-asset pair relative to alternative targets (proxy indicator), in the absence of any more specific or local data/estimates.

Factors to be considered for determination of the likelihood of a malevolent act may include the following, per the standard J100-10 methodology:

- The number of attacks on the United States per year
- The likelihood of an attack on the Broken Arrow area
- The likelihood of an attack on the general target type
- The likelihood of the attack on a water facility in general within the region of the target type
- The likelihood of the adversary selecting the specific water facility/asset of interest

Jacobs will also be applying utility-specific threat likelihood information, where such data or estimates are available from utility staff, local law enforcement, and/or other sources. Such data may be more representative and better matched to the level of adversary being considered by the utility.

The threat analysis produces the estimated relative probability (expressed as a positive value between 0.0 and 1.0) that a particular threat will occur in a given year. Jacobs will review the preliminary results of the threat analysis with the City team to share Jacobs’ progress and gain agreement on the work in progress.

3.4.2.3 Task 2.3 Risk and Resilience Results and Recommendations

The purpose of this task is to incorporate the results of the previous tasks and estimate numeric risk and resiliency values for each threat-asset pair. The consequence, vulnerability, and threat results from the previous tasks are the inputs to the risk equation, which estimates risk and resiliency values. The formula $Risk (R) = C (Consequence) * V (Vulnerability) * T (Threat Likelihood)$, is used, which identifies numeric risk values in units of cost (annual dollars). High-level risks are identified as priorities for risk reduction; the definition of “high” in this context is not dictated by the VA methodology, but is rather a judgment by the City.

The risk reduction development will identify recommendations for reducing the risks identified in the previous tasks. Jacobs will develop preliminary security and/or other recommendations for reducing the risks above an agreed-upon threshold, and/or to help bring the City into line with the current industry standard-of-care with respect to physical security and related security program elements, as needed. The overall risk reduction and resiliency benefit for each suggested improvement can be estimated and compared with their conceptual-level costs.

3.4.2.4 Task 2.4 Draft RRA

Upon completion of the risk evaluation using the seven steps of the J100-10 standard listed above, an interim 2-hour teleconference with the City and up to three Jacobs staff will be held to discuss the interim risk analysis results, findings, and recommendations.

A draft RRA report will be developed and submitted to the City for review. The RRA will be provided in a secure electronic delivery format for review.

3.4.2.5 Task 2.5 Final RRA

Upon receipt of the City review comments, Jacobs will conduct a 1-hour teleconference to review comments and address questions. Up to three Jacobs staff will participate. A final RRA will be submitted for review and approval by the City within 30 days of comment receipt.

Deliverables

- Threat-Asset Workshop agenda and summary
- Brief meeting summaries for three teleconferences corresponding to the consequence, vulnerability, and threat likelihood J100-10 methodology steps
- Agenda and meeting summaries for two teleconference calls with the City to review draft and final RRA
- Draft RRA (electronic)
- Final RRA (electronic copy)

3.4.3 Task 3 – Emergency Response Plan for the Water System

The Emergency Response Plan (ERP) will outline strategies and resources to improve response and resiliency to anticipated threats based on the RRA and local agency information for the potable water system. This will include strategies to be implemented such as actions, procedures, and equipment to respond to, and lessen the impact of, an emergency. The ERP update will address the AWIA requirements listed above.

3.4.3.1 Task 3.1 – ERP Task Kickoff Meeting, Workshop, and Site Visit

The ERP kickoff meeting will be held to review the specific ERP tasks and discuss expectations. An objective of the kickoff is to review the City Incident Management Team (IMT) and Emergency Action Levels (EALs).

ERP one-on-one interviews will be held virtually. Jacobs will conduct up to five City one-on-one interviews with City staff. Jacobs will also interview County emergency management personnel to request and perform a review of the County Emergency Operation Plan, as well as the Local Emergency Planning Committee (LEPC). Jacobs will also review other City water utility emergency preparedness plans including the City's Risk Management Plan (RMP), Continuity of Operations Plan (COOP), cybersecurity assessments, and/or Operations and Maintenance (O&M) manuals, as available, to determine if these plans contain relevant information to utilize in the ERP for compliance with Section 2013 of the AWIA.

3.4.3.2 Task 3.2 – Draft ERP

A draft ERP will be developed in accordance with AWIA requirements and appropriate industry guidance, including utilizing the National Incident Management System Incident Command System (NIMS/ICS) as the framework for responding to emergencies. The purpose of the ERP is to provide the following:

- Update the IMT and responsibilities for each team member including review of current participation in a regional Unified Command structure during a sustained event involving the utility.
- Review the current Emergency Operations Center (EOC) including identification of missing essential components, if any.
- Review procedures for internal and external notification and crisis communications, including emergency contact information.
- Understand the utility response to, and minimize the impact of, an emergency on its facilities by documenting general actions and procedures and providing critical response information.
- Review threat- and hazard-specific procedures to respond to, and reduce the impact of consequences to, threat and hazard incident events that are consistent with RRA findings.
- Expand on and develop ERP information for AWIA-required elements such as strategies, equipment, and resources available to increase resiliency of the system, including physical and cybersecurity of the system.
- Expand on and develop ERP information regarding the efforts, strategies, and potential feasibility of development of alternative source water options, relocation of water intakes, and construction of flood protection barriers, as applicable.

- Identify and develop ERP information regarding strategies that can be used to aid in the detection of malevolent acts or natural hazards that threaten the security or resilience of the system.
- Help protect the health and safety of utility employees, customers, and the general public.
- Provide training program guidelines for emergency response and ICS.
- Provide preparation of guidelines for distribution, revision, and updates of the ERP.
- Outline ERP training, exercising, and updating/maintenance practices.

The draft ERP will be provided to the City in electronic format (pdf).

3.4.3.3 Task 3.3 – Final ERP

A teleconference will be conducted to review the City's comments on the draft ERP and address questions by the City team. The Jacobs team will incorporate comments and a final ERP will be submitted within 30 days of comment receipt.

Deliverables

- ERP kickoff agenda and summary
- Draft ERP (electronic)
- Final ERP (electronic and up to (7) hard copies)

Assumptions and Specific Conditions

- The City will provide relevant data, information, and documents requested for the RRA and ERP development. Access to existing drawings, records, or other data as requested by Jacobs will be available and provided by the City in a timely manner. Jacobs will reasonably rely upon the accuracy, timeliness, and completeness of the information provided by the City. It is understood that the City does not guarantee that all records and data requested by Jacobs are available.
- The City will provide appropriate staff to escort site visit teams to selected facilities/assets, and the site visits for the RRA. It is assumed the site visits will not require confined space entry, vertical ladder climbing / fall protection, or other areas requiring special training or personal protective equipment (PPE).
- The City will provide Jacobs access to its facilities, as required, for performance of the services. The City will provide safety equipment and interview rooms and conference room(s) as needed for interviews, workshops, and site visit debriefing.
- The City will provide comments in a timely manner (e.g., approximately 30 days after draft submittal for this project's main deliverables) to Jacobs.
- The City and Jacobs understand the importance of protecting the confidentiality of sensitive information. Jacobs will use a secure SharePoint project site or secure server to serve as the central repository for the City project information and files. Only project team members with a direct project need of sensitive information will have access to the files. While sensitive information is in use, the following guidelines will be followed to maintain its security:
 - a. Jacobs and/or the City will establish a secure document repository site.
 - b. Sensitive information, such as a previous VA, will not be taken outside the office.

**BROKEN ARROW MUNICIPAL AUTHORITY (BAMA) PROFESSIONAL SERVICES AGREEMENT
RRA AND ERP (AWIA 2018) PROJECT NUMBER: 2154090
ATTACHMENT A**

- c. Sensitive information must be kept in the custody of authorized users only. In the presence of unauthorized individuals, the information must be hidden from view.
 - d. Authorized users must electronically lock their desktop computer workspaces when leaving them unattended.
 - e. Any printed sensitive information will be destroyed after use.
 - f. Jacobs staff will use a secured electronic storage means that is restricted to only those with approved project access.
 - g. Meetings in which sensitive information is to be discussed must consist of only authorized users. The room must be secured during the meeting. No materials are to be left behind that contain sensitive information, including in waste cans. Meeting documents will be destroyed by shredding when they are no longer needed to perform work related to the project.
- Opinions of cost for recommendations are based on conceptual enhancements/improvements. The cost or price of labor and materials is a snapshot in time, and Jacobs has no control over any unknown or latent conditions of existing equipment or structures that may affect operation or maintenance costs; competitive bidding procedures and market conditions; time or quality of performance by operating personnel or third parties; and operational factors that may materially affect ultimate project costs. Therefore, Jacobs makes no warranty that the City actual project costs, financial aspects, or schedules will not vary from Jacobs' opinions, analyses, projections, or estimates.
 - Jacobs will manage the health, safety, and environmental activities of its staff to achieve compliance with applicable health and safety laws and regulations.

3.5 Compensation Provisions

As compensation for providing the services described in this Scope of Work, the City shall pay Jacobs in accordance with Paragraph 4 of the BAMA Professional Services Agreement for Project No. 2154090.

3.6 Period of Service:

The schedule for the Project within this Task Order is as follows, to be completed no later than June 30, 2021:

Kick-of meeting	Mid October 2020
Site Visit	November 2020
Draft RRA	December 2020
BA Submits compliance	NLT December 31,2020
ERP Kick-off meeting	January 2021
Draft ERP	May 2021
Final ERP	June 2021
Termination of Task Order:	June 30, 2021

Enclosure 1 – Fee

[END OF ATTACHMENT A]

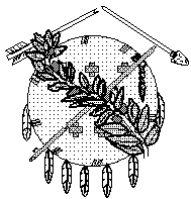
ENCLOSURE 1

Fee

RRA AND ERP (AWIA 2018); PROJECT NUMBER: 2154090

	Task Description	Project Manager (Lars Ostervold)	RRA SME Task Lead (Stacey Black)	ERP SME Task Lead (Megan Ellis)	RRA Task Support (Raul Alfaro)	Cybersecurity SME (Rex Hessner)	Technical Editor (Jane Mailand)	Project Controls (Amanda George)	Project Engineer (Salou Diallo)	Labor Summary		Expenses			Total
		Hours								Hours	Cost	Travel Expenses	Other Expenses	Total Expenses (\$)	
1	Project Management														
	Project Setup, PEP, Health and Safety, and QA/QC Planning; Monthly Coordination with Client and Status Reports; Schedule and Budget Management	15	2	2				9	8						
	Task 1 Subtotal	15	2	2	0	0	0	9	8	36	\$ 4,735.00	\$0	\$0	\$0	\$ 4,735.00
2	Water System RRA														
2.1	Threat-Asset Workshop, Interviews, and Site Visits	4	52	4		18			16			\$ 1,155.00	\$100		
2.2	Consequence, Vulnerability, Threat, and Risk/Resilience Analysis		12	8	15	14									
2.3	Develop Risk and Resilience Recommendations		8												
2.4	Draft RRA		25	8	20				8						
2.5	Final RRA	1	12	4			20								
	Task 2 Subtotal	5	109	24	35	32	20	0	24	249	\$ 43,421.00	\$1,155	\$300	\$1,455	\$ 44,876.00
3	Water System ERP														
3.1	ERP Task Kickoff Meeting and 1:1 interviews	4	6	30					6						
3.2	Draft ERP		8	60											
3.3	Final ERP		4	12			15								
	Task 3 Subtotal	4	18	102	0	0	15	0	6	145	\$ 25,159.00				\$ 25,159.00
	TOTAL	24	129	128	35	32	35	9	38	430		\$1,155	\$300	\$1,455	\$ 74,770.00

Summary	
Total Labor Costs	\$73,315
Expenses	\$1,455
Total	\$74,770



City of Broken Arrow

Request for Action

File #: 20-1291, **Version:** 1

Broken Arrow Municipal Authority
Meeting of: 10-20-2020

Title:

Approval of and authorization to purchase three (3) 1/2-ton regular cab pickups from John Vance Motors, pursuant to the Oklahoma Statewide Vehicle contract, for the Fleet Maintenance Division

Background:

The Fleet Maintenance Division of the General Services Department has budgeted for the purchase of three 1/2-ton regular cab pickups. These trucks will replace previous motor pool trucks that have been transferred to other departments for various reasons such as new positions and unexpected vehicle replacements or needs.

These vehicles will be purchased under the Oklahoma Statewide Contract for Cars, Passenger vans, Trucks, Suv's, Cargo vans, Police vehicles and CNG vehicles, number SW035. All State Departments, Boards, Commissions, Agencies and Institutions, as well as Counties, School Districts and Municipalities may purchase vehicles from this contract. Pricing under this contract is good until November 14, 2020.

The bid tabulation includes the lowest bidding vendors for the all the brands of 1/2-ton regular cab pickups under this contract. Base pricing and selected options are reflected in the attached bid tabulation. Staff recommends that the Authority award the lowest responsible bid to John Vance Motors for the purchase of three 2021 Ram 1500 regular cab pickups.

Cost: \$66,639.00

Funding Source: Broken Arrow Municipal Authority - Capital Outlay General Services

Requested By: Lee Zirk, General Services Director

Approved By: City Manager's Office

Attachments: State contract 100009422 bid tabulation for 1/2-Ton Regular Cab Trucks

Recommendation:

Approve the purchase of three, 1/2 - ton pickups from John Vance Motors pursuant to the Oklahoma Statewide Vehicle contract

1/2 Ton Regular Cab
State Contract 1000009422
Expires 11/14/2020

	Vendor		John Vance Motors	Vance Chevrolet	Bill Knight Ford
	Specification		2021 Ram 1500 Regular Cab	2021 Chevrolet Silverado 1500 Regular Cab	2021 F150 Reg Cab
Item Number	Item	Qty	Each Price	Each Price	Each Price
1	1/2 Ton Regular Cab	3	\$20,947.00	\$23,219.00	\$24,189.00
	Options				
2	Add Limited Slip/Locking Diff.	3	\$475.00	\$375.00	\$387.00
3	Add Black Side Steps	3	\$393.00	\$395.00	\$231.00
4	Add Additional Keys	3	\$248.00	\$199.00	\$85.00
5	Delete Cloth	3	Included	Included	Included
6	Add Hitch, Wiring Receiver	3	\$150.00	\$375.00	\$195.00
	Total		<u>\$66,639.00</u>	\$73,689.00	\$75,261.00
	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/60K

Fleet Department Project 2205120

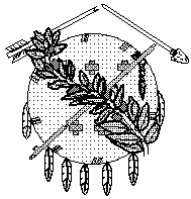
This bid tabulation is true and accurate to the best of my knowledge

Friday, October 9, 2020



Patrick Harrison

Purchasing Manager



City of Broken Arrow

Request for Action

File #: 20-1286, **Version:** 1

**Broken Arrow Municipal Authority
Meeting of: 10/20/2020**

Title:

Ratification of the Claims List Check Register dated October 13, 2020

Background:

Council on September 3, 2019 approved Ordinance No. 3601 allowing ratification of the claims list. For the period from September 30, 2020 through October 13, 2020 checks, V-Cards or ACH were processed for a total of \$4,609,176.47.

Governmental Funds	\$2,555,690.72
BAMA	\$2,029,525.35
BAEDA	<u>\$ 23,960.40</u>
Total	\$4,609,176.47

A summary by funds and detail are attached.

Cost: 2,029,525.35

Funding Source: BAMA Operational and Capital accounts

Requested By: Cynthia S. Arnold, Finance Director

Approved By: City Manager's Office

Attachments: Check Register dated October 13, 2020.

Recommendation: Approve Ratification of Claims List Check Register dated 10/13/2020

City of Broken Arrow
Check Register by Fund
RECAP



FUND	DESCRIPTION	AMOUNT
110	GENERAL	282,452.78
220	BA MUNICIPAL AUTHORITY	2,028,525.35
221	BAMA SALES TAX DEBT SERVICE	1,000.00
226	STORMWATER CAPITAL IN LIEU OF	3,596.73
227	CVB-HOTEL MOTEL	827.88
330	SALES TAX CAPITAL IMPROVEMENT	532,369.36
331	POLICE ENHANCEMENTS	10,248.00
332	PARK & REC CAP IMPROV	35.96
337	POLICE BLOCK GRANT	2,315.78
342	STREET LIGHT FUND	6,176.08
343	STREET SALES TAX FUND	192,287.31
344	PS SALES TAX POLICE	121,058.17
345	PS SALES TAX FIRE	80,212.94
591	2011 BOND ISSUE	275,848.79
592	2014 BOND ISSUE	146,099.15
593	2018 BOND ISSUE	213,864.35
660	WORKERS COMPENSATIONS	4,391.29
661	GROUP HEALTH AND LIFE	155,701.54
882	AGENCY FUND DEPOSITS	7,642.50
887	ECONOMIC DEVELOP AUTHORITY	23,960.40
910	PAYROLL LIABILITY	520,562.11
Total		4,609,176.47

City of Broken Arrow
Check Register by Fund

**Fund 220**

CHECK DATE	CHECK #	VENDOR	NAME	INVOICE	DESCRIPTION	G/L NUMBER	AMOUNT
10/12/2020	272785	826	LOWES	911390	MISC. SUPPLIES	2205305 560230	45.41
				902460	MISC. SUPPLIES	2205305 560230	10.26
				911956	MISC. SUPPLIES	2205305 560230	7.52
				902298	MISC. SUPPLIES	2205410 560230	75.14
				901018	MISC. SUPPLIES	2205400 560230	12.84
				912119	MISC. SUPPLIES	2205400 560230	2.32
				901899	MISC. SUPPLIES	2205305 560230	214.40
				902886	MISC. SUPPLIES	2205400 560230	50.15
				911763	MISC. SUPPLIES	2205400 560230	27.96
				901865	MISC. SUPPLIES	2205305 560230	144.88
				902111	MISC. SUPPLIES	2205400 560230	132.01
				901520	MISC. SUPPLIES	2205400 560230	45.89
				902480	MISC. SUPPLIES	2205305 560230	23.46
				902782	MISC. SUPPLIES	2205305 560230	52.95
				901659	MISC. SUPPLIES	2205400 560230	3.89
				902776	MISC. SUPPLIES	2205305 560230	10.06
Total For Check # 272785							859.14
10/12/2020	272787	834	SOFTWARE HOUSE INTERNATIONAL	B12220067	MS Software Renewal	2205205 540550	5,466.00
				B12218912	MS Software Renewal	2205400 540550	6,658.27
				B12218912	MS Software Renewal	2205401 540550	1,326.06
				B12218912	MS Software Renewal	2205405 540550	3,182.13
				B12218912	MS Software Renewal	2205406 540550	1,738.07
				B12218912	MS Software Renewal	2205410 540550	1,812.07
				B12218912	MS Software Renewal	2205415 540550	2,342.09
				B12218912	MS Software Renewal	2201503 540550	2,151.09
				B12218912	MS Software Renewal	2205115 540550	2,121.09
				B12218912	MS Software Renewal	2205120 540550	4,080.16

**City of Broken Arrow
Check Register by Fund**

**Fund 220**

CHECK DATE	CHECK #	VENDOR	NAME	INVOICE	DESCRIPTION	G/L NUMBER	AMOUNT
				B12218912	MS Software Renewal	2205125 540550	6,760.27
				B12218912	MS Software Renewal	2205130 540550	1,488.06
				B12218912	MS Software Renewal	2205305 540550	5,273.21
					Total For Check # 272787		44,398.57
10/02/2020	272418	999903	OTP - UB REFUNDS	000038707		220 225010	64.89
					Total For Check # 272418		64.89
10/02/2020	272419			000219747		220 225010	86.38
					Total For Check # 272419		86.38
10/02/2020	272420			000194475		220 225010	98.20
					Total For Check # 272420		98.20
10/02/2020	272421			000074037		220 225010	52.29
					Total For Check # 272421		52.29
10/02/2020	272422			000049323		220 225010	11.34
					Total For Check # 272422		11.34
10/02/2020	272423			000198405		220 225010	31.78
					Total For Check # 272423		31.78
10/02/2020	272424			000168673		220 225010	30.94
					Total For Check # 272424		30.94
10/02/2020	272425			000079165		220 225010	63.98
					Total For Check # 272425		63.98
10/02/2020	272426			000246401		220 225010	23.47
					Total For Check # 272426		23.47
10/02/2020	272427			000063179		220 225010	5.28

City of Broken Arrow
Check Register by Fund

**Fund 220**

CHECK DATE	CHECK #	VENDOR	NAME	INVOICE	DESCRIPTION	G/L NUMBER	AMOUNT
						Total For Check # 272427	5.28
10/02/2020	272428			000055711		220 225010	4.28
						Total For Check # 272428	4.28
10/02/2020	272429			000248937		220 225010	2.05
						Total For Check # 272429	2.05
10/02/2020	272430			000191393		220 225010	15.40
						Total For Check # 272430	15.40
10/02/2020	272431			000243959		220 225010	20.51
						Total For Check # 272431	20.51
10/02/2020	272432			000243959		220 225010	23.19
						Total For Check # 272432	23.19
10/02/2020	272433			000255503		220 225010	4.45
						Total For Check # 272433	4.45
10/02/2020	272434			000142033		220 225010	14.43
						Total For Check # 272434	14.43
10/02/2020	272435			000199179		220 225010	22.29
						Total For Check # 272435	22.29
10/02/2020	272436			000239409		220 225010	33.55
						Total For Check # 272436	33.55
10/02/2020	272437			000254453		220 225010	3.57
						Total For Check # 272437	3.57
10/02/2020	272438			000181695		220 225010	72.11

City of Broken Arrow
Check Register by Fund

Fund 220

CHECK DATE	CHECK #	VENDOR	NAME	INVOICE	DESCRIPTION	G/L NUMBER	AMOUNT
						Total For Check # 272438	72.11
10/02/2020	272439			000125789		220 225010	69.14
						Total For Check # 272439	69.14
10/02/2020	272440			000153537		220 225010	32.57
						Total For Check # 272440	32.57
10/02/2020	272441			000238715		220 225010	4.79
						Total For Check # 272441	4.79
10/02/2020	272442			000254369		220 225010	22.29
						Total For Check # 272442	22.29
10/02/2020	272443			000246459		220 225010	16.48
						Total For Check # 272443	16.48
10/02/2020	272444			000255637		220 225010	20.41
						Total For Check # 272444	20.41
10/02/2020	272445			000250319		220 225010	31.78
						Total For Check # 272445	31.78
10/02/2020	272446			000244671		220 225010	1.54
						Total For Check # 272446	1.54
10/02/2020	272449	9 A & N TRAILER PARTS INC		00332380	TRAILER PARTS	2205305 560200	9.60
						Total For Check # 272449	9.60
10/02/2020	272452	119 AIRGAS USA LLC		9104638450	WELDING MATERIALS	2205120 560230	111.74
						Total For Check # 272452	111.74
10/02/2020	272453	149 AMERICAN ELECTRIC		954-100-813-0-1	954-100-813-0-1 SEPT 21, 2020	2205400 550250	45.47

City of Broken Arrow
Check Register by Fund

**Fund 220**

CHECK DATE	CHECK #	VENDOR NAME	INVOICE	DESCRIPTION	G/L NUMBER	AMOUNT
		POWER/PSO				
			954-100-813-0-1	954-100-813-0-1 SEPT 21, 2020	2205400 550250	51.06
			954-100-813-0-1	954-100-813-0-1 SEPT 21, 2020	2205400 550250	386.13
			954-100-813-0-1	954-100-813-0-1 SEPT 21, 2020	2205400 550250	1,080.26
			954-100-813-0-1	954-100-813-0-1 SEPT 21, 2020	2205400 550250	59.75
			954-100-813-0-1	954-100-813-0-1 SEPT 21, 2020	2205400 550250	122.37
			954-100-813-0-1	954-100-813-0-1 SEPT 21, 2020	2205400 550250	48.15
			954-100-813-0-1	954-100-813-0-1 SEPT 21, 2020	2205400 550250	46.27
			951-925-948-5-1	951-925-948-5-1 2009 E CONCORD ST	2205305 550250	113.77
			951-925-948-5-1	951-925-948-5-1 3950 W HOUSTON ST	2205305 550250	74.87
			951-925-948-5-1	951-925-948-5-1 4702 W URBANA ST	2205305 550250	137.82
				Total For Check # 272453		2,165.92
10/02/2020	272454	1354 AMERICAN MUNICIPAL SERVICES CORP	47769	COLLECTION FEE AUG 2020	220 229160	409.52
				Total For Check # 272454		409.52
10/02/2020	272455	1465 AMERICAN WASTE CONTROL	0005670315	AUG 2020 HAULING INV 5670315	2205410 540300	3,265.20
				Total For Check # 272455		3,265.20
10/02/2020	272456	11 ANCHOR STONE CO	203225109	BELT CONSTRUCTION PAY APP #25 - VENDOR PAYMT	2205415 570150	6,076.38
			203225209	BELT CONSTRUCTION PAY APP #25 - VENDOR PAYMT	2205415 570150	495.30
			203225309	BELT CONSTRUCTION PAY APP #25 - VENDOR PAYMT	2205415 570150	12,250.04
			203225409	BELT CONSTRUCTION PAY APP 25 - VENDOR PYMTS	2205415 570150	20,863.56
			203225509	BELT CONSTRUCTION PAY APP 25 - VENDOR PYMTS	2205415 570150	6,800.38
			203293309	BELT CONSTRUCTION PAY APP 25 - VENDOR PYMTS	2205415 570150	2,779.40
			203293409	BELT CONSTRUCTION PAY APP 25 -	2205415 570150	1,188.72

City of Broken Arrow
Check Register by Fund

**Fund 220**

CHECK DATE	CHECK #	VENDOR	NAME	INVOICE	DESCRIPTION	G/L NUMBER	AMOUNT
					VENDOR PYMTS		
				203293509	BELT CONSTRUCTION PAY APP 25 - VENDOR PYMTS	2205415 570150	17,853.14
				203293609	BELT CONSTRUCTION PAY APP 25 - VENDOR PYMTS	2205415 570150	3,045.33
				203293709	BELT CONSTRUCTION PAY APP 25 - VENDOR PYMTS	2205415 570150	4,236.81
				203293809	BELT CONSTRUCTION PAY APP 25 - VENDOR PYMTS	2205415 570150	10,382.25
				203293909	BELT CONSTRUCTION PAY APP 25 - VENDOR PYMTS	2205415 570150	18,677.36
					Total For Check # 272456		104,648.67
10/02/2020	272458	13	ARROW SAFE AND LOCK INC	75072	KEYS	2205120 560230	5.00
				75047	KEYS	2205415 560230	23.90
					Total For Check # 272458		28.90
10/02/2020	272460	3288	BELT CONSTRUCTION INC	25	107770	2205415 570150	423,916.72
					Total For Check # 272460		423,916.72
10/02/2020	272462	229	BLACK AND VEATCH	6706559	109889	2205400 530870	945.00
				6706559	109889	2205415 530870	567.00
				6706559	109889	2205305 540280	378.00
					Total For Check # 272462		1,890.00
10/02/2020	272463	1030	BOKF N.A.	AUGUST 2020	LOCK BOX FEE AUG 2020	2201503 550280	2,336.74
					Total For Check # 272463		2,336.74
10/02/2020	272465	3534	BOWERS OIL DBA FROST OIL CO	T41996-IN	FUEL S&SW LOCATION	220 142000	9,678.45
				T42079-IN	FUEL S&SW LOCATION	220 142000	9,365.14
				T42129-IN	FUEL FLEET	220 142000	9,378.11
				T41586-IN	S&SW F	220 142000	9,818.45

City of Broken Arrow
Check Register by Fund

**Fund 220**

CHECK DATE	CHECK #	VENDOR	NAME	INVOICE	DESCRIPTION	G/L NUMBER	AMOUNT
						Total For Check # 272465	38,240.15
10/02/2020	272466	3 BRENNTAG SOUTHWEST INC		BSW232772	CHLORINE	2205405 560340	1,520.20
				BSW232773	CHLORINE	2205405 560340	2,257.80
				BSW227925	CHLORINE	2205405 560340	36,935.55
				BSW226214	CHLORINE	2205410 560340	972.50
				BSW227182	CHLORINE	2205410 560340	826.13
				BSW227924	CHLORINE	2205410 560340	1,574.76
				BSW230086	CHLORINE	2205410 560340	5,194.13
				BSW232004	CHLORINE	2205410 560340	3,550.50
				BSW231645	CHLORINE	2205410 560340	3,080.00
				BSW232382	CHLORINE	2205410 560340	1,497.26
				BSW233946	CHLORINE	2205410 560340	826.13
				BSW227923	CHLORINE	2205410 560340	3,080.00
				BSW236064	CHLORINE	2205410 560340	1,721.13
						Total For Check # 272466	63,036.09
10/02/2020	272468	19 BROKEN ARROW ELECTRIC SUPPLY INC		S2701694.001	MISC. ELECTRICAL	2205100 560180	96.31
				S2702741.001	MISC. ELECTRICAL	2205415 560410	42.74
						Total For Check # 272468	139.05
10/02/2020	272471	3681 CAPITAL MACHINERY SYSTEMS INC		0075055-in	AIR COMPRESSOR RENTAL8/28- 9/25/2020	2205405 540320	2,439.09
				0075063	AIR COMPRESSOR RENTAL 9-25-10- 23/2020	2205405 540320	1,500.00
						Total For Check # 272471	3,939.09
10/02/2020	272472	3569 CASCADE ENGINEERING INC.		30505810	110921	2205125 570170	114,724.00
				30506537	110921	2205125 570170	321,227.20
				30507367	110921	2205125 570170	359,961.80

City of Broken Arrow
Check Register by Fund

**Fund 220**

CHECK DATE	CHECK #	VENDOR	NAME	INVOICE	DESCRIPTION	G/L NUMBER	AMOUNT
						Total For Check # 272472	795,913.00
10/02/2020	272475	37	CINTAS CORPORATION	5031083919	MEDICAL SUPPLIES	2205120 560230	390.60
				5031062162	MEDICAL SUPPLIES	2205410 540280	13.95
				5031062162	MEDICAL SUPPLIES	2205410 560230	201.26
				5029034876	MEDICAL SUPPLIES	2205130 540280	13.95
				5029034876	MEDICAL SUPPLIES	2205130 560230	17.54
				5029034887	MEDICAL SUPPLIES	2205120 540280	13.95
				5029034887	MEDICAL SUPPLIES	2205120 560230	934.19
				5031549070	MEDICAL SUPPLIES	2205305 540280	6.97
				5031549070	MEDICAL SUPPLIES	2205305 560230	110.72
						Total For Check # 272475	1,703.13
10/02/2020	272477	1391	CLEAN THE UNIFORM CO OKLAHOMA	50146810	50146810 SEPT 25, 2020	2205410 540310	21.92
				50146810	50146810 SEPT 25, 2020	2205410 540330	7.35
				50124888	50124888 MAY 8, 2020	2205305 540310	154.56
				50124888	50124888 MAY 8, 2020	2205305 540330	2.60
				50133962	50133962 JULY 3, 2020	2205305 540310	154.37
				50133962	50133962 JULY 3, 2020	2205305 540330	2.60
				50146804	50146804 SEPT 25, 2020	2205305 540330	2.60
				50146804	50146804 SEPT 25, 2020	2205305 540310	147.54
						Total For Check # 272477	493.54
10/02/2020	272478	1292	CONTROL TECHNOLOGIES INC	0072096	10" LCD monitor	220 141000	2,150.00
						Total For Check # 272478	2,150.00
10/02/2020	272481	3307	DP SUPPLY	020853	BELT CONSTRUCTION PAY APP #25 - VENDOR PYMTS	2205415 570150	1,176.00
						Total For Check # 272481	1,176.00

City of Broken Arrow
Check Register by Fund

**Fund 220**

CHECK DATE	CHECK #	VENDOR NAME	INVOICE	DESCRIPTION	G/L NUMBER	AMOUNT
10/02/2020	272484	64 FEDERAL EXPRESS CORPORATION	7-125-64436 SEPT 17	7-125-64436 SEPT 17, 2020	2205404 550390	22.48
Total For Check # 272484						22.48
10/02/2020	272485	3375 GEO-SOLUTIONS INC	G110611	BELT CONSTRUCTION PAY APP 25 - VENDOR PYMTS	2205415 570150	1,442.65
Total For Check # 272485						1,442.65
10/02/2020	272486	3683 GFAC TEXAS PLLC	1064	110887	2205100 570170	4,300.00
Total For Check # 272486						4,300.00
10/02/2020	272491	79 GREEN ACRE SOD FARMS	118185	BERMUDA SOD (1ST)	2205305 560270	85.00
			118184	BERMUDA SOD (1ST)	2205400 560800	20.40
			118111	BERMUDA SOD (1ST)	2205400 560800	170.00
			118312	BERMUDA SOD (1ST)	2205305 560270	85.00
Total For Check # 272491						360.40
10/02/2020	272492	3573 GREEN ACRE SOD LANDSCAPE CENTER	26329	Hand Sanitizer, 1 gallon	220 141000	570.00
Total For Check # 272492						570.00
10/02/2020	272494	1702 GULBRANSEN TECHNOLOGIES INC	90802275	CHEMICALS	2205405 560340	11,930.08
Total For Check # 272494						11,930.08
10/02/2020	272497	3284 JAM DISTRIBUTING CO	JAM20-396938	OIL, HYDRAULIC UNIVERSAL THF	220 141000	1,072.75
Total For Check # 272497						1,072.75
10/02/2020	272499	124 KIMS INTERNATIONAL	0122019-IN	MISC. FITTINGS	2205125 560200	57.98
			0122026-IN	MISC. FITTINGS	2205125 560200	64.90

City of Broken Arrow
Check Register by Fund

**Fund 220**

CHECK DATE	CHECK #	VENDOR	NAME	INVOICE	DESCRIPTION	G/L NUMBER	AMOUNT
				0122035-IN	MISC. FITTINGS	2205125 560200	59.54
				0122055-IN	MISC. FITTINGS	2205125 560200	105.98
				0122058-IN	MISC. FITTINGS	2205125 560200	115.53
					Total For Check # 272499		403.93
10/02/2020	272501	131 LOCKE SUPPLY COMPANY		41160666-00	PLUMBING AND ELECTRICAL	2205125 560200	166.66
				41197750-00	PLUMBING AND ELECTRICAL	2205100 560180	59.17
				41221697-00	PLUMBING AND ELECTRICAL	2205100 560180	86.40
					Total For Check # 272501		312.23
10/02/2020	272503	826 LOWES		02886	MISC. SUPPLIES	2205400 560230	50.15
				11763	MISC. SUPPLIES	2205400 560230	27.96
				02111	MISC. SUPPLIES	2205400 560230	132.01
				01524	MISC. SUPPLIES	2205400 560230	27.85
				01520	MISC. SUPPLIES	2205400 560230	45.89
				02776	MISC. SUPPLIES	2205305 560230	10.06
				01659	MISC. SUPPLIES	2205400 560230	3.89
				13681	MISC. SUPPLIES	2205406 560230	32.88
				13943	MISC. SUPPLIES	2205415 560230	356.93
				01385	MISC. SUPPLIES	2205415 560230	22.63
				12156	MISC. SUPPLIES	2205415 560230	12.07
				01274	MISC. SUPPLIES	2205100 560180	4.05
				13731	MISC. SUPPLIES	2205405 560230	61.74
				10752	MISC. SUPPLIES	2205120 560230	26.56
					Total For Check # 272503		814.67
10/02/2020	272505	1980 MIDLAND PAPER COMPANY		IN01337735	IN01337735 FLAGS REPLACE PAYMENT#270230	220 141000	964.00

City of Broken Arrow
Check Register by Fund

**Fund 220**

CHECK DATE	CHECK #	VENDOR	NAME	INVOICE	DESCRIPTION	G/L NUMBER	AMOUNT
				IN01349260	CAN LINERS IN01349260 REPLACED PYMENT #270230	220 141000	567.60
					Total For Check # 272505		1,531.60
10/02/2020	272506	1592	MORTON SALT INC	5402140643	ROAD SALT	2205405 560340	6,695.17
					Total For Check # 272506		6,695.17
10/02/2020	272508	25	NAPA AUTO PARTS	2210-971691	MISC. AUTO PARTS	2205205 560200	140.66
				2210-971861	MISC. AUTO PARTS	2205415 560200	27.18
					Total For Check # 272508		167.84
10/02/2020	272511	98	OKLAHOMA NATURAL GAS CO	210121530 2538679 27	210121530 2538679 27 SEPT 21, 2020	2205415 550240	23.04
				211155662253868218	211155662 2538682 18 SEPT 24, 2020	2205415 550240	38.85
					Total For Check # 272511		61.89
10/02/2020	272512	694	POTTERS INDUSTRIES LLC	91297053	BEADS, GLASS TRAFFIC PAINT, 50LB BAG AASHTO M247,	220 141000	4,400.00
					Total For Check # 272512		4,400.00
10/02/2020	272514	112	RICH MIX PRODUCTS	20911110	CEMENT QUIKRETE CONCRETE	220 141000	1,159.40
					Total For Check # 272514		1,159.40
10/02/2020	272518	3620	SHELTON REDI MIX LLC	124531	BELT CONSTRUCTION PAY APP 25 - VENDOR PYMTS	2205415 570150	7,680.00
				124498	BELT CONSTRUCTION PAY APP 25 - VENDOR PYMTS	2205415 570150	5,760.00
				124634	BELT CONSTRUCTION PAY APP 25 - VENDOR PYMTS	2205415 570150	1,319.50
					Total For Check # 272518		14,759.50
10/02/2020	272521	303	SMITH FARM & GARDEN CO	900878	MISC. PARTS	2205305 560200	47.84
				901526	MISC. PARTS	2205305 560200	20.72
				901527	MISC. PARTS	2205305 560200	106.92

City of Broken Arrow
Check Register by Fund

**Fund 220**

CHECK DATE	CHECK #	VENDOR	NAME	INVOICE	DESCRIPTION	G/L NUMBER	AMOUNT
						Total For Check # 272521	175.48
10/02/2020	272524	234	STOREY WRECKER	27799	WRECKER TOW SERVICE SANITATION TRUCK	2205125 540200	200.00
						Total For Check # 272524	200.00
10/02/2020	272526	181	SUPERION, LLC	285560	CLICK2GOV CUST INFO, ONEPOINT POINT OF SALE	2201503 540550	2,124.29
				285560	CCINTERFACE,CIS VOICE RESP,A/R,PAYROLL,LAND/PARCEL	2201503 540550	7,584.39
				285560	CUST INFO,FINANCIALS IMAGING,TIME&ATTENDANCE	2201503 540550	7,127.49
				285560	FIXED ASSETS,CASH RECPTS,GMBA W/EXTENDED REPORTING	2201503 540550	8,238.77
				285560	AUTOMATED FUEL SYSTEM INTERFACE	2205130 540550	929.37
				285560	FLEET MANAGEMENT	2205120 540550	6,728.51
				285560	WORK ORDERS/FACILITY MANAGEMENT	2205115 540550	6,614.71
				285560	PURCHASING/INVENTORY ANNUAL MAINT FEE	2205130 540550	6,055.20
						Total For Check # 272526	45,402.73
10/02/2020	272528	723	THE MET	2460	INVOICE 2460 SEPTEMBER 2020	2205125 550100	10,585.50
						Total For Check # 272528	10,585.50
10/02/2020	272530	55	TULSA AUTO SPRING	00365522	SUSPENSION & FRAME REPAIR	2205400 540200	135.00
						Total For Check # 272530	135.00
10/02/2020	272533	949	TULSA WINNELSON COMPANY	204125-01	MISC. PLUMBING SUPPLIES	2205100 560180	52.42
						Total For Check # 272533	52.42
10/02/2020	272534	1808	TULSA'S GREEN COUNTRY STAFFING	81015	TEMP EMPLOYEES 9/14-9/20/2020	2205125 550370	5,717.40

City of Broken Arrow
Check Register by Fund

**Fund 220**

CHECK DATE	CHECK #	VENDOR	NAME	INVOICE	DESCRIPTION	G/L NUMBER	AMOUNT
						Total For Check # 272534	5,717.40
10/02/2020	272535	1496 TWIN CITIES READY MIX INC		210599	CONCRETE	2205400 560270	786.00
				210815	CONCRETE	2205305 560270	753.50
				210913	CONCRETE	2205305 560270	1,109.50
				209366	CONCRETE	2205305 560270	450.00
				209551	CONCRETE	2205305 560270	1,080.00
				209615	CONCRETE	2205305 560270	900.00
				209790	CONCRETE	2205305 560270	900.00
				209883	CONCRETE	2205305 560270	900.00
				209884	CONCRETE	2205305 560270	466.00
				209947	CONCRETE	2205400 560270	630.00
				210036	CONCRETE	2205400 560270	225.00
				210250	CONCRETE	2205400 560270	180.00
				210248	CONCRETE	2205400 560270	180.00
				210500	CONCRETE	2205305 560270	810.00
				211292	CONCRETE	2205400 560270	225.00
						Total For Check # 272535	9,595.00
10/02/2020	272537	1312 USA BLUEBOOK		365212	Blower for ventilating a confined space	2205410 560450	580.76
				355015	Hach SL1000 Nitrification Kit Item # 87374	2205404 570040	5,275.98
				343338	Drinking Water Quality Testing Supplies	2205404 560340	46.10
				352280	Pressure gauge for fire hydrant	2205410 560230	100.95
						Total For Check # 272537	6,003.79
10/02/2020	272538	44 UTILITY SUPPLY		136798	RE PO 110257	220 141000	227.52
				136339	RE PO 110257	220 141000	5,003.04
				137397	RE PO 110786	220 141000	1,010.00

City of Broken Arrow
Check Register by Fund

**Fund 220**

CHECK DATE	CHECK #	VENDOR	NAME	INVOICE	DESCRIPTION	G/L NUMBER	AMOUNT
				137370	RE PO 110786	220 141000	505.00
				136216	110229	2205400 560400	149.60
				138832	111087	2205400 570150	14,828.35
				138835	111087	2205400 570150	7,610.40
				138834	111087	2205400 570150	14,943.60
				139195	111087	2205400 570150	460.38
						Total For Check # 272538	44,737.89
10/02/2020	272540	897 WASTE MANAGEMENT QUARRY LANDFILL		2266798-1006-0	14-62534-03006 9-1-15/2020	2205125 540300	60.25
				2266182-1006-7	14-62534-03006 8/16-31/2020	2205125 540300	1,122.22
						Total For Check # 272540	1,182.47
10/02/2020	272541	1537 WATER TECH INC		91332	POLYMER FOR SLUDGE	2205405 560340	6,487.30
				91654	POLYMER FOR SLUDGE	2205405 560340	4,301.10
				91653	POLYMER FOR SLUDGE	2205405 560340	1,148.16
						Total For Check # 272541	11,936.56
10/02/2020	272542	385 WATKINS SAND COMPANY INC		23538X	MASONRY SAND	2205403 560270	992.00
				23538X	MASONRY SAND	2205305 560270	74.00
						Total For Check # 272542	1,066.00
10/02/2020	272543	31 WELDON PARTS TULSA		2535706-00	MISC AUTO PARTS	2205125 560200	21.56
				2537321-00	MISC AUTO PARTS	2205400 560200	6.89
				2528176-00	MISC AUTO PARTS	2205410 560230	37.32
				2530565-00	MISC AUTO PARTS	2205125 560200	197.48
				2528035-00	MISC AUTO PARTS	2205125 560200	458.06
				2530019-00	MISC AUTO PARTS	2205305 560200	77.22
						Total For Check # 272543	798.53

City of Broken Arrow
Check Register by Fund

**Fund 220**

CHECK DATE	CHECK #	VENDOR	NAME	INVOICE	DESCRIPTION	G/L NUMBER	AMOUNT
10/02/2020	272545	26	WHITE STAR MACHINERY & SUPPLY	07230860	(1536) P&L TO REPLACE HYDRAULIC SWIVEL VALVE & GLA	2205415 540200	3,334.78
Total For Check # 272545							3,334.78
10/02/2020	272551	527	YORK ELECTRONICS SYSTEMS INC	13602	ADDED NEW EMPLOYEE TO THE SYSTEM	2205410 540070	65.00
Total For Check # 272551							65.00
10/09/2020	272592	1960	AAA FIBERGLASS REPAIR LLC	2020-1540	INSTALLED 6" BLIND FLANGE ON BRINE TANK	2205405 540290	2,216.52
Total For Check # 272592							2,216.52
10/09/2020	272593	386	ABERDEEN DYNAMICS SUPPLY INC	I-86991-0	(SANT) PARKER VALVE F620S FOR TIPPER	2205125 560200	313.68
Total For Check # 272593							313.68
10/09/2020	272594	1535	ADVANCED INDUSTRIAL SOLUTIONS	259634	HAND SOAP, LAUNDRY DETERGENT, STYROFOAM CUPS	220 141000	1,023.16
Total For Check # 272594							1,023.16
10/09/2020	272595	119	AIRGAS USA LLC	9974258916	CYLINDER RENTAL	2205120 540330	194.42
				9974258916	CYLINDER RENTAL	2205115 540330	42.44
				9974258916	CYLINDER RENTAL	2205130 540330	35.15
				9974258916	CYLINDER RENTAL	2205305 540330	42.44
				9974258916	CYLINDER RENTAL	2205400 540330	25.00
				9974258916	CYLINDER RENTAL	2205410 540330	35.15
Total For Check # 272595							374.60
10/09/2020	272596	1994	ALLIANCE MAINTENANCE INC	130070	MONTHLY JANITORIAL FOR CH ANNEX AND OPS	2201700 540280	1,415.00
Total For Check # 272596							1,415.00
10/09/2020	272598	149	AMERICAN ELECTRIC POWER/PSO	958-324-103-0-2 SEPT	6890 S 245TH E AVE 958-324-103-0-2	2205415 550250	43.28

City of Broken Arrow
Check Register by Fund

**Fund 220**

CHECK DATE	CHECK #	VENDOR	NAME	INVOICE	DESCRIPTION	G/L NUMBER	AMOUNT
				958-324-103-0-2 SEPT	7506 S INDIANWOOD AVE 958-324-103-0-2	2205415 550250	90.32
				958-324-103-0-2 SEPT	6222 W DURHAM ST 958-324-103-0-2	2205415 550250	76.87
				958-324-103-0-2 SEPT	6701 E KENOSHA ST UNIT NEW 958-324-103-0-2	2205415 550250	199.46
				958-324-103-0-2 SEPT	2595 W JASPER ST 958-324-103-0-2	2205415 550250	48.65
				958-324-103-0-2 SEPT	901 N 23RD ST 958-324-103-0-2	2205415 550250	56.26
				958-324-103-0-2 SEPT	1903 N 16TH ST 958-324-103-0-2	2205415 550250	124.99
				958-324-103-0-2 SEPT	1709 W MIAMI ST 958-324-103-0-2	2205415 550250	93.52
				958-324-103-0-2 SEPT	3440 N 41ST E AVE 958-324-103-0-2	2205415 550250	74.99
				958-324-103-0-2 SEPT	20600 E 81ST S 958-324-103-0-2	2205415 550250	44.53
				958-324-103-0-2 SEPT	8356 WRIGHT AVE 958-324-103-0-2	2205415 550250	84.29
				958-324-103-0-2 SEPT	4213 W WINSTON ST 958-324-103-0-2	2205415 550250	115.98
				958-324-103-0-2 SEPT	900 W QUINTON ST 958-324-103-0-2	2205415 550250	886.81
				958-324-103-0-2 SEPT	1313 N 6TH ST 958-324-103-0-2	2205415 550250	95.66
				958-324-103-0-2 SEPT	1301 E MEMPHIS ST 958-324-103-0-2	2205415 550250	54.20
				958-324-103-0-2 SEPT	6701 S ELM PL 958-324-103-0-2	2205415 550250	70.88
				958-324-103-0-2 SEPT	BROKEN ARROW 958-324-103-0-2	2205415 550250	45.18
				958-324-103-0-2 SEPT	5205 1/2 S 193RD E AVE 958-324-103-0-2	2205415 550250	1,685.60
				958-324-103-0-2 SEPT	4501 E KNOSHA ST 958-324-103-0-2	2205415 550250	415.55
				958-324-103-0-2 SEPT	3515 E 41ST ST S 958-324-103-0-2	2205415 550250	72.69
				958-324-103-0-2 SEPT	6218 W UTICA CT 958-324-103-0-2	2205415 550250	50.27
				958-324-103-0-2 SEPT	6601 S 241ST E AVE 958-324-103-0-2	2205415 550250	2,317.00
				958-324-103-0-2 SEPT	904 W QUINTON ST 958-324-103-0-2	2205415 550250	38.10
				958-324-103-0-2 SEPT	6554 S 232ND E AVE 958-324-103-0-2	2205415 550250	51.02
				958-324-103-0-2 SEPT	1400 W SHREVEPORT ST 958-324-103-0-2	2205415 550250	50.77
				958-324-103-0-2 SEPT	2750 N 37TH ST 958-324-103-0-2	2205415 550250	5,851.85
				958-324-103-0-2 SEPT	7751 E KENOSHA ST 958-324-103-0-2	2205415 550250	140.47

City of Broken Arrow
Check Register by Fund

**Fund 220**

CHECK DATE	CHECK #	VENDOR	NAME	INVOICE	DESCRIPTION	G/L NUMBER	AMOUNT
				958-324-103-0-2 SEPT	7950 E FREEPORT ST 958-324-103-0-2	2205415 550250	41.77
						Total For Check # 272598	12,920.96
10/09/2020	272600	2862	AMPM CONSULTING LLC	1129	109177	2205205 570170	5,512.50
				1130	AMPM Phase 2	2205205 570190	9,312.50
						Total For Check # 272600	14,825.00
10/09/2020	272607	3	BRENNTAG SOUTHWEST INC	BSW237260	CHLORINE	2205410 560340	3,473.00
						Total For Check # 272607	3,473.00
10/09/2020	272610	273	CAMFIL USA INC	30183911	Air filters	2205410 560230	301.24
						Total For Check # 272610	301.24
10/09/2020	272616	668	CHEMSEARCH	7062431	Gear Box Oil	2205410 560210	2,326.11
				7072365	Trailblazer Maxx herbicide	2205410 560340	626.40
				7080143	Hand Sanitizer	2205410 560300	260.48
				7076684	Gear oil	2205410 560210	1,888.18
						Total For Check # 272616	5,101.17
10/09/2020	272617	2083	CHEMTRADE CHEMICALS US LLC	92965213	LIQUID AMMONIUM SULFATE	2205405 560340	4,608.00
						Total For Check # 272617	4,608.00
10/09/2020	272621	295	CITY OF TULSA UTILITIES	1067 2718 3 SEPT 30,	1067 2718 3 SEPT 30, 2020	2205405 540930	1,023.46
						Total For Check # 272621	1,023.46
10/09/2020	272622	1391	CLEAN THE UNIFORM CO OKLAHOMA	50147895	50147895 OCT 2, 2020	2205305 540310	132.13
				50147895	50147895 OCT 2, 2020	2205305 540330	2.60
				50126970	50126970 MAY 20, 2020	2205200 540310	6.77
				50125929	50125929 MAY 15, 2020	2205305 540310	160.26
				50125929	50125929 MAY 15, 2020	2205305 540330	2.60

City of Broken Arrow
Check Register by Fund

**Fund 220**

CHECK DATE	CHECK #	VENDOR	NAME	INVOICE	DESCRIPTION	G/L NUMBER	AMOUNT
						Total For Check # 272622	304.36
10/09/2020	272625	565 CMC CONSTRUCTION SERVICES		966721	HARDWARE AND RELATED ITEMS	2205305 560230	250.00
				948992	KEYCRETE, NAIL-ON METAL, BO-METAL P/N MNK 9/16-6 0	220 141000	800.00
						Total For Check # 272625	1,050.00
10/09/2020	272630	825 CONTINENTAL BATTERY CO		15320903200907	BATTERY 48C	220 141000	730.85
				15320904201032	BATTERY 48C	220 141000	153.44
				15320921201459	AUTOMOTIVE AND TRAILER EQUIPMENT AND PARTS	220 141000	259.65
						Total For Check # 272630	1,143.94
10/09/2020	272631	1270 CORE & MAIN		M506135	Carry Forward PO# 111105	220 141000	101.00
				M819572	4x3 brass bushing	220 141000	982.15
				M850659	Meters	220 141000	22,520.00
				N014046	Meters	220 141000	11,030.00
				M880985	TAPE, DUCT GREY, 2" X 60 YARDS	220 141000	665.00
				M912251	Stock	220 141000	1,899.00
				M974168	STOP, CURB 3/4 MCN X PK FORD# B43-332WNL (FORD ONL	220 141000	2,289.00
				M953704	STOP, CURB 3/4 MCN X PK FORD# B43-332WNL (FORD ONL	220 141000	4,311.59
				M970072	Stock	220 141000	234.00
				M984527	PIPE AND TUBING FITTINGS	220 141000	4,745.80
						Total For Check # 272631	48,777.54
10/09/2020	272637	1192 DATAPROSE INC		DP2003590	UTILITY BILLING	2201503 550280	3,495.65
				DP2003590	UTILITY BILLING	2201503 550390	11,858.93
						Total For Check # 272637	15,354.58

City of Broken Arrow
Check Register by Fund

**Fund 220**

CHECK DATE	CHECK #	VENDOR	NAME	INVOICE	DESCRIPTION	G/L NUMBER	AMOUNT
10/09/2020	272638	699	DCI COMMUNICATIONS	616770	111401	2205405 560500	1,696.45
Total For Check # 272638							1,696.45
10/09/2020	272641	1885	DIAMOND MOWERS INC	0184066-IN	(1460) DOUBLE 360 V BELT 12-0009	2205305 560200	766.84
				0184848-IN	(1460) Sheave, Bushing Taper Lock, Hex Cap	2205305 560200	271.46
Total For Check # 272641							1,038.30
10/09/2020	272642	2828	DIAMONDBACK PRODUCTS INC	19610	(1912) PARTS TO REPAIR ACCIDENT DAMAGE	2205125 560200	3,825.20
Total For Check # 272642							3,825.20
10/09/2020	272643	1305	DUNHAM'S ASPHALT PLANT	256288	ASPHALT BACKUP	2205400 570150	1,052.76
				256271	ASPHALT BACKUP	2205400 570150	1,619.13
				256259	ASPHALT BACKUP	2205400 570150	199.76
				256258	ASPHALT BACKUP	2205400 570150	257.61
Total For Check # 272643							3,129.26
10/09/2020	272645	2278	EMPIRE FENCE	68961	REPLACE FENCE BY MATTHEWS FORD BID 20.128	2205305 540280	27,066.69
Total For Check # 272645							27,066.69
10/09/2020	272646	2918	ENLOW AND SONS EQUIPMENT	09/21/2020	022 015 00064 MOWER BLADE 320255	220 141000	150.00
Total For Check # 272646							150.00
10/09/2020	272647	1577	EUROFINS EATON ANALYTICAL INC	L0533420	WATER TESTING	2205405 530340	1,000.00
				L0532986	WATER TESTING	2205405 530340	1,000.00
Total For Check # 272647							2,000.00
10/09/2020	272648	1602	EVANS HYDRAULIC REPAIR	7476	(17028) P&L TO REPAIR CYLINDER	2205305 540200	165.00

City of Broken Arrow
Check Register by Fund

**Fund 220**

CHECK DATE	CHECK #	VENDOR	NAME	INVOICE	DESCRIPTION	G/L NUMBER	AMOUNT
				7464	(1171) P&L TO REPAIR 3 CYLINDERS	2205400 540200	650.00
						Total For Check # 272648	815.00
10/09/2020	272649	748 EWING		12511829	Kasco Fountain Motor & Cord Assy	220 141000	712.94
						Total For Check # 272649	712.94
10/09/2020	272650	65 FENSCO INC		57776	PLUMBING EQUIPMENT, FIXTURES, AND SUPPLIES	2205305 560230	1,311.60
						Total For Check # 272650	1,311.60
10/09/2020	272653	900 FORTILINE INC		5093113	8"x4" SDR GASKETED TEE	220 141000	288.00
				5083344	12" MJ x Flange Gate Valves	220 141000	1,450.00
				5053956	gate valves	220 141000	3,283.75
						Total For Check # 272653	5,021.75
10/09/2020	272655	674 GARVER ENGINEERS		16078100-7	110454	2205415 570160	19,269.40
						Total For Check # 272655	19,269.40
10/09/2020	272656	153 GELLCO UNIFORMS & SHOES INC		00255676	SAFETY SHOES	2205125 560100	116.99
				00255677	SAFETY SHOES	2205305 560100	125.00
				00255618	SAFETY SHOES	2205125 560100	125.00
				00255647	SAFETY SHOES	2205305 560100	125.00
				00255777	SAFETY SHOES	2205125 560100	125.00
						Total For Check # 272656	616.99
10/09/2020	272657	1469 GEOGRAPHIC TECHNOLOGIES GROUP		G20-14245	111506	2205215 570170	6,000.00
						Total For Check # 272657	6,000.00
10/09/2020	272659	2007 GERSHMAN, BRICKNER &		P200050-	110035	2205125 570170	4,971.30

City of Broken Arrow Check Register by Fund



Fund 220

CHECK DATE	CHECK #	VENDOR	NAME	INVOICE	DESCRIPTION	G/L NUMBER	AMOUNT
			BRATTON INC	000000000009			
						Total For Check # 272659	4,971.30
10/09/2020	272661	1621	GOODYEAR COMMERCIAL TIRE	254-1017280	TIRE RECAPPED 11.00R 22.5	2205125 560190	67.75
				254-1017280	TIRE RECAPPED 11.00R 22.5	220 141000	3,607.53
				254-1017607	TIRES AND TUBES, INCLUDING RECAPPED AND RETREADED	220 141000	6,577.20
				254-1017608	TIRE 255/70R22.5 G622 NEW# 756-203-265 DRIVE TIRE	220 141000	741.10
				254-1017725	(1706) TIRES 235/80R16 #724-858-519	2205400 560190	882.32
				254-1017755	TIRE LT265/70R17 ADV GY 748-661-572	220 141000	947.64
				254-1017743	TIRE 11R22.5 STEER 16 PLY GY WKHRS 1491978	220 141000	6,577.20
				254-1016888	TIRE RECAPPED 11.00R 22.5	2205125 560190	103.75
				254-1016888	TIRE RECAPPED 11.00R 22.5	220 141000	2,468.31
				254-1016895	TIRE RECAPPED 11.00R 22.5	2205125 560190	9.95
				254-1016895	TIRE RECAPPED 11.00R 22.5	220 141000	189.87
						Total For Check # 272661	22,172.62
10/09/2020	272663	76	GRAINGER	9655778786	Basket Strainers for suction hoses	2205415 560410	52.50
				9648243294	Replace blower motors for chlorine generators	2205405 560230	347.54
				9648041243	Replace blower motors for chlorine generators	2205405 560450	177.35
				9648041250	Replace blower motors for chlorine generators	2205405 560450	177.35
						Total For Check # 272663	754.74

City of Broken Arrow
Check Register by Fund

**Fund 220**

CHECK DATE	CHECK #	VENDOR	NAME	INVOICE	DESCRIPTION	G/L NUMBER	AMOUNT
10/09/2020	272665	69	GRAPHIC RESOURCES & PRODUCTION	398750	PLOTTER TONER	2205205 560230	469.98
Total For Check # 272665							469.98
10/09/2020	272667	1702	GULBRANSEN TECHNOLOGIES INC	90802885	CHEMICALS	2205405 560340	11,677.68
Total For Check # 272667							11,677.68
10/09/2020	272669	686	H G FLAKE SUPPLY CO	0380193-IN	PIPE FITTINGS	2205405 560230	86.28
Total For Check # 272669							86.28
10/09/2020	272670	106	HACH COMPANY	12056724	CHEMICALS & LAB SUPPLIES	2205410 560340	1,064.49
				12134204	CHEMICALS & LAB SUPPLIES	2205410 560340	501.85
				12135996	CHEMICALS & LAB SUPPLIES	2205410 560340	551.59
Total For Check # 272670							2,117.93
10/09/2020	272673	1144	HDR, INC	1200293749	106342/ 22000337	2205400 570160	2,025.01
				1200282708	106342	2205400 570160	13,460.31
Total For Check # 272673							15,485.32
10/09/2020	272677	323	IMPROVED CONSTRUCTION METHODS	41000735	PAINT, MARKING, UPSIDE DOWN (INVERTED) COLOR: WHIT	220 141000	168.00
Total For Check # 272677							168.00
10/09/2020	272680	120	J & R EQUIPMENT LLC	01W2368	(1860) P&L TO REPAIR ELECTRICAL HARNESS SHORT	2205305 540200	1,978.26
Total For Check # 272680							1,978.26
10/09/2020	272681	3284	JAM DISTRIBUTING CO	JAM20-408386	(SHOP) WINDSHIELD WASHER FLUID CONCENTRATED CLWWPC	220 141000	616.60
				JAM20-408141	FUEL, OIL, GREASE AND LUBRICANTS	220 141000	499.75
				JAM20-405393	SP Global Transmission Fluid	220 141000	763.00

City of Broken Arrow
Check Register by Fund

**Fund 220**

CHECK DATE	CHECK #	VENDOR	NAME	INVOICE	DESCRIPTION	G/L NUMBER	AMOUNT
						Total For Check # 272681	1,879.35
10/09/2020	272684	3201 KANSAS GOLF & TURF INC.		01-233247	022 015 00042 JACOBSON MOWER BLADE 3007759	220 141000	325.02
						Total For Check # 272684	325.02
10/09/2020	272685	2560 KBC CONSTRUCTION INC		9-FINAL	102987	2205415 570150	37,330.03
						Total For Check # 272685	37,330.03
10/09/2020	272686	122 KELLY MOORE PAINT COMPANY INC		1603-00000263546	PAINT TRAFFIC YELLOW AS 1472-131- 50G ITEM 36202	220 141000	3,630.00
						Total For Check # 272686	3,630.00
10/09/2020	272690	826 LOWES		902367	MISC. SUPPLIES	2205305 560230	55.78
				901077	MISC. SUPPLIES	2205305 560230	41.79
				901462	PO 22100187	2205305 560230	-17.60
				902810	PO 22100187	2205305 560230	-35.19
						Total For Check # 272690	44.78
10/09/2020	272691	129 LS INSTRUMENTS INC		86774	HARDWARE AND RELATED ITEMS	2205305 560240	235.00
						Total For Check # 272691	235.00
10/09/2020	272695	134 MAXWELL SUPPLY OF TULSA INC		525398	EXPANSION CAP SC12	220 141000	480.00
						Total For Check # 272695	480.00
10/09/2020	272696	578 MCNEILUS TRUCK & MFG., INC		4837291	(1563) MONITOR 1470026	2205125 560200	964.65
						Total For Check # 272696	964.65
10/09/2020	272700	3544 MSC INDUSTRIAL SUPPLY CO INC		84488402	Nitrile Glove's	220 141000	147.40
						Total For Check # 272700	147.40

City of Broken Arrow
Check Register by Fund

**Fund 220**

CHECK DATE	CHECK #	VENDOR	NAME	INVOICE	DESCRIPTION	G/L NUMBER	AMOUNT
10/09/2020	272702	25	NAPA AUTO PARTS	2210-972100	MISC. AUTO PARTS	2205410 560200	30.20
				2210-972072	MISC. AUTO PARTS	2205125 560200	8.27
				2210-972188	MISC. AUTO PARTS	2205120 560230	5.58
				2210-972162	MISC. AUTO PARTS	2205125 560200	14.69
				2210-972172	MISC. AUTO PARTS	2205415 560200	10.43
				2210-972197	MISC. AUTO PARTS	2205125 560210	737.88
				2210-972173	MISC. AUTO PARTS	2205415 560200	3.46
				2210-972245	MISC. AUTO PARTS	2205125 560200	30.49
				2210-972266	MISC. AUTO PARTS	2205305 560200	3.91
				2210-972380	MISC. AUTO PARTS	2205305 560230	6.32
				2210-972783	MISC. AUTO PARTS	2205415 540290	19.99
				2210-972927	MISC. AUTO PARTS	2205305 560200	9.02
				2210-972971	MISC. AUTO PARTS	2205125 560200	3.25
				2210-972938	MISC. AUTO PARTS	2205305 560210	22.98
				2210-973090	MISC. AUTO PARTS	2205205 560200	-18.00
				2210-972722	AUTOMOTIVE AND TRAILER EQUIPMENT AND PARTS	220 141000	263.41
Total For Check # 272702							1,151.88
10/09/2020	272703	923	NATIONAL FILTER MEDIA	ME100898	Repairs and Replacements	2205410 560450	2,315.02
Total For Check # 272703							2,315.02
10/09/2020	272704	690	NICKS TREE SERVICE INC	5044	Forestry Services	2205305 540280	1,150.00
				5084	Tree Removal at 900 W. Los Angeles St	2205305 540280	1,650.00
Total For Check # 272704							2,800.00
10/09/2020	272708	98	OKLAHOMA NATURAL GAS CO	211155662183825191	211155662 1838251 91 SEPT 28, 2020	2205415 550240	34.79
				211155662253746364	211155662 2537463 64 SEPT 28, 2020	2205415 550240	38.22
				211155662253746509	211155662 2537465 09 SEPT 28, 2020	2205415 550240	37.91

City of Broken Arrow
Check Register by Fund

**Fund 220**

CHECK DATE	CHECK #	VENDOR	NAME	INVOICE	DESCRIPTION	G/L NUMBER	AMOUNT
				211155662253746873	211155662 2537468 73 SEPT 28, 2020	2205415 550240	38.22
				210105033219682564	210105033 2196825 64	2205100 550240	108.37
						Total For Check # 272708	257.51
10/09/2020	272709	1177	ONLINE INFORMATION SERVICES	1018900	ONLINE UTILITY EXCHANGE	2201503 550280	850.50
						Total For Check # 272709	850.50
10/09/2020	272711	96	OTA PIKEPASS CENTER	20200900109	20200900109 SEPT 30, 2020	2205305 550030	14.10
				20200900109	20200900109 SEPT 30, 2020	2205400 550030	37.30
				20200900109	20200900109 SEPT 30, 2020	2205406 550030	2.00
				20200900109	20200900109 SEPT 30, 2020	2205410 550030	286.49
				20200900109	20200900109 SEPT 30, 2020	2205415 550030	0.95
				20200900109	20200900109 SEPT 30, 2020	2205120 550030	10.30
				20200900109	20200900109 SEPT 30, 2020	2205125 550030	92.22
				20200900109	20200900109 SEPT 30, 2020	2205200 550030	13.55
				20200900109	20200900109 SEPT 30, 2020	2205205 550030	2.30
						Total For Check # 272711	459.21
10/09/2020	272713	1111	P&K EQUIPMENT	3885781	OIL HYDR/TRANSM TY22000 GAL	220 141000	62.48
						Total For Check # 272713	62.48
10/09/2020	272714	91	PINKLEY SALES COMPANY	21576	Pedestrian Crosswalk LED Lights	220 141000	1,500.00
						Total For Check # 272714	1,500.00
10/09/2020	272718	232	PREFERRED BUSINESS SYSTEMS	093554	INVOICE 093554 RENTAL FOR 10/1-11/01/2020	2201503 540330	92.38
				093554	INVOICE 093554 RENTAL FOR 10/1-11/01/2020	2205400 540330	292.81
				093554	INVOICE 093554 RENTAL FOR 10/1-11/01/2020	2205410 540330	72.83

City of Broken Arrow
Check Register by Fund

**Fund 220**

CHECK DATE	CHECK #	VENDOR	NAME	INVOICE	DESCRIPTION	G/L NUMBER	AMOUNT
				093554	INVOICE 093554 RENTAL FOR 10/1-11/01/2020	2205405 540330	83.38
				093554	INVOICE 093554 RENTAL FOR 10/1-11/01/2020	2205120 540330	72.38
				093554	INVOICE 093554 RENTAL FOR 10/1-11/01/2020	2205130 540330	72.38
				093554	INVOICE 093554 RENTAL FOR 10/1-11/01/2020	2205406 540330	62.38
				093554	INVOICE 093554 RENTAL FOR 10/1-11/01/2020	2205100 540330	72.38
				093554	INVOICE 093554 RENTAL FOR 10/1-11/01/2020	2205205 540330	172.38
				093554	INVOICE 093554 RENTAL FOR 10/1-11/01/2020	2205305 540330	72.38
				093554	INVOICE 093554 RENTAL FOR 10/1-11/01/2020	2205115 540330	7.25
					Total For Check # 272718		1,072.93
10/09/2020	272719	940 PREMIER COLLISION CENTER, INC.	3281		(1555) PARTS & LABOR TO REPAIR ACCIDENT DAMAGE	2205305 540200	1,211.00
					Total For Check # 272719		1,211.00
10/09/2020	272720	736 PREMIER TRUCK GROUP		125321642	(1750)BULKHEAD MODULE A66-03086-000	2205305 560200	871.95
				12554248	(1780) P&L TO REPLACE LATCHING PTO ROCKER	2205403 540200	206.43
				12553756	(2002) LABOR TO PERFORM ADVANCED DIAGNOSTICS	2205403 540200	386.40
				125320582	(1103) TURN SIGNAL SWITCH A06-36956-003	2205125 560200	149.36
				125320569	(1334) WINDSHIELD WIPER RESERVOIR A22-72446004	2205125 560200	90.14
				125320583	(1334) TURN SIGNAL SWITCH A06-36956-003	2205125 560200	149.36
				125320650	(1747) A3 RIGHT SLACK ADJUSTER HDX/40020231	2205125 560200	832.59
				CM125320650	CORE RETURN INV 125320650	2205125 560200	-127.68

City of Broken Arrow
Check Register by Fund

**Fund 220**

CHECK DATE	CHECK #	VENDOR	NAME	INVOICE	DESCRIPTION	G/L NUMBER	AMOUNT
				125319999	(1209) Cabin Filter Cover	2205400 560200	50.70
						Total For Check # 272720	2,609.25
10/09/2020	272722	362	PROFESSIONAL TURF PRODUCTS	1509061-00	022 015 00063	220 141000	411.28
						Total For Check # 272722	411.28
10/09/2020	272723	3244	QUALITY STITCHING, LLC	565	5 CITY SHIRTS W/BA LOGO	2205120 560100	125.00
						Total For Check # 272723	125.00
10/09/2020	272725	844	RAM PRODUCTS INC	160454687	FLEET MAINT RESTOCK	2205120 560230	78.54
						Total For Check # 272725	78.54
10/09/2020	272729	922	REXEL USA INC	S128760192.001	LED bulb 3V DC	2205410 560450	456.00
						Total For Check # 272729	456.00
10/09/2020	272730	1612	RITZ/LONE STAR SAFETY & SUPPLY INC	6023089	RAINWEAR	220 141000	1,388.20
				6027180	SHOES AND BOOTS	220 141000	388.35
				6027731	SHOES AND BOOTS	220 141000	130.97
						Total For Check # 272730	1,907.52
10/09/2020	272731	201	ROYAL PRINTING	53591	RECYCLE PROGRAM POST CARDS/POSTAGE	2205125 530870	1,530.04
						Total For Check # 272731	1,530.04
10/09/2020	272732	1725	RUSH TRUCK CENTERS OF OKLAHOMA INC	09/08/2020	(1912) P&L TO REPLACE TRANSMISSION	2205125 540200	268.63
						Total For Check # 272732	268.63
10/09/2020	272733	84	SAF T GLOVE INC	936174-00	GATORADE 2.5 GALLON MIX, VARIETY PACK (32 PACK)	220 141000	516.89
				936191-00	Face Mask for stock	220 141000	5,093.07

City of Broken Arrow
Check Register by Fund

**Fund 220**

CHECK DATE	CHECK #	VENDOR	NAME	INVOICE	DESCRIPTION	G/L NUMBER	AMOUNT
						Total For Check # 272733	5,609.96
10/09/2020	272734	86	SAFETY KLEEN SYSTEMS INC	84270464	RENTAL AND SERVICE FOR 2 SOLVENT TANKS	2205120 540330	446.31
				8427464	RENTAL & SERVICE FOR 2 SOLVENT TANKS	2205120 540330	446.31
				84270463	84270463 USED OIL PICK UP	2205120 540550	985.30
						Total For Check # 272734	1,877.92
10/09/2020	272739	82	SIGNALTEK INC	17833	TRAFFIC RED LED BALLS	220 141000	1,356.90
						Total For Check # 272739	1,356.90
10/09/2020	272741	303	SMITH FARM & GARDEN CO	902709	MISC. PARTS	2205305 560200	28.80
						Total For Check # 272741	28.80
10/09/2020	272751	72	SUMMIT TRUCK GROUP	411224611	(1565) P&L TO CLEAN DPF & DOC	2205125 540200	295.00
				411111022	(1565) DPF EXH SENSOR 3626432C1	2205125 560200	770.49
				411111183	(1560) BELT TENSIONER 1873217C2	2205125 560200	424.39
				411111158	COOLANT FLTRELC5050G	2205125 560210	79.90
				411111161	(1228) BEARING CONE FLT594A	2205125 560200	250.64
				411111165	(1560) FAN CLUTCH HOR99A4700	2205125 560200	1,294.71
				411111113	(1228) A3 WHEEL SEAL V370003A	2205125 560200	326.30
				411111220	(1564) LINE KIT 1885394C1	2205125 560200	270.85
				411111235	(1564) INTAKE MANIFOLD PRESSURE SENSOR 1846481C92	2205125 560200	63.89
				411111240	(1564) INTAKE MANIFOLD PRESSURE SENSOR 1846481C92	2205125 560200	63.89

City of Broken Arrow
Check Register by Fund

**Fund 220**

CHECK DATE	CHECK #	VENDOR	NAME	INVOICE	DESCRIPTION	G/L NUMBER	AMOUNT
				411111385	(1561) Boost Valve, Hose Kit, Hose	2205125 560200	270.85
				411111435	(1561) Gauge Sensor & Filter	2205125 560200	118.33
				411111471	(1676) Filters	2205125 560200	170.40
				411111583	(1676) Valve Assembly	2205125 560200	1,035.56
				411111658	(1565) Flexible Hose	2205125 560200	120.44
				411111771	(1561)INTAKE MANIFOLD PRESSURE SENSOR 1846481C92	2205125 560200	63.89
				411111784	(1564) GASKET 1883181C1	2205125 560200	125.75
				411111798	(1564) GASKET 1883181C1	2205125 560200	42.78
					Total For Check # 272751		5,788.06
10/09/2020	272754	188 TETRA TECH INC		51637095	090637	2205410 570160	4,890.45
					Total For Check # 272754		4,890.45
10/09/2020	272755	533 THE ARROW GROUP		91024	RENEWAL BOND 10-16-2020-10-16-2021	2201700 550760	50.00
				91023	RENEWAL BOND COURT CLERK BOND#106823224	2201700 550760	50.00
					Total For Check # 272755		100.00
10/09/2020	272759	1143 THE UPS STORE #3764		22090	SHIPPING SEPTEMBER 2020	2205130 550390	14.03
				22145	SHIPPING SEPTEMBER 2020	2205130 550390	11.73
				221298	SHIPPING SEPTEMBER 2020	2205130 550390	30.98
				22214	SHIPPING SEPTEMBER 2020	2205130 550390	185.41
					Total For Check # 272759		242.15
10/09/2020	272761	57 TIMMONS OIL COMPANY INC		WI14052	DEF FLUID 2.5GAL EACH	2205410 560210	250.80
				WI14043	for Sanitation	220 141000	376.20
					Total For Check # 272761		627.00

City of Broken Arrow
Check Register by Fund

**Fund 220**

CHECK DATE	CHECK #	VENDOR	NAME	INVOICE	DESCRIPTION	G/L NUMBER	AMOUNT
10/09/2020	272765	571	TULSA CITY COUNTY HEALTH DEPT.	37134	OPDES#OK0040053 PERMIT REQUIREMENTS	2205410 530340	4,006.00
				37157	OPDES#OK0040053 PERMIT REQUIREMENTS	2205410 530340	832.00
Total For Check # 272765							4,838.00
10/09/2020	272768	54	TULSA NEW HOLLAND	519231	(1070) FITER 84228488	2205305 560200	77.05
				518924	022 015 00090 CENTER BLADE 50076632	220 141000	95.50
Total For Check # 272768							172.55
10/09/2020	272769	3096	TULSA RECYCLE & TRANSFER INC	2009BA	PILOT CURBSIDE RECYCLABLES SEPT 2020	2205125 540300	847.93
Total For Check # 272769							847.93
10/09/2020	272772	42	UNITED ENGINES INC	2185196	AIR FILTER	220 141000	158.49
Total For Check # 272772							158.49
10/09/2020	272773	569	UNITED FORD	3609054	MISC AUTO	2205200 560200	28.46
				3611629	MISC AUTO	2205125 560200	55.70
Total For Check # 272773							84.16
10/09/2020	272774	1312	USA BLUEBOOK	342411	Rubber tubing for samplers RE: PO 22100268	2205410 560340	-730.76
				343733	CL17 analyzer equipment	2205410 560450	2,231.19
				353935	disposable gloves	2205404 560230	38.32
				347564	111285	2205410 560340	389.15
				360773	CL17 analyzer equipment	2205410 560450	2,480.27
Total For Check # 272774							4,408.17
10/09/2020	272775	44	UTILITY SUPPLY	139239	111501	2205400 570150	1,266.71
				139240	111501	2205400 570150	1,170.82
				139411	111419	2205400 560240	1,252.80

CHECK DATE	CHECK #	VENDOR	NAME	INVOICE	DESCRIPTION	G/L NUMBER	AMOUNT
				140795	PIPE AND TUBING FITTINGS	2205400 570150	153.55
						Total For Check # 272775	3,843.88
10/09/2020	272777	1169	VERIZON	9863314683	9863314683 AUG 22-SEPT 21 2020	2205404 550540	40.01
						Total For Check # 272777	40.01
10/09/2020	272781	26	WHITE STAR MACHINERY & SUPPLY	07231320	(1336) FILTER 7010332	2205305 560200	38.71
						Total For Check # 272781	38.71
						Total For Fund 220	2,028,525.35

Prepared : 10/13/2020 2:07:49 PM

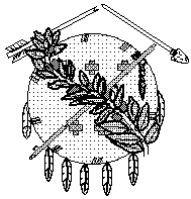
Page Number 54 of 96

City of Broken Arrow
Check Register by Fund



Fund 221

CHECK DATE	CHECK #	VENDOR	NAME	INVOICE	DESCRIPTION	G/L NUMBER	AMOUNT
10/09/2020	272605	283	BANK OF OKLAHOMA N A	5120477	2016OWRB CLEAN WATER SRF ACCT #82-1502-01-0	2215410 581050	500.00
				5120450	2015OWRB CLEAN WATER SRF ACCT#82-0819-01-9	2215410 581050	500.00
						Total For Check # 272605	1,000.00
						Total For Fund 221	1,000.00



City of Broken Arrow

Request for Action

File #: 20-1312, **Version:** 1

Broken Arrow Municipal Authority
Meeting of: 10-20-2020

Title:

Presentation of Launch Data for the Curbside Cart Program

Background:

Recycling Outreach Coordinator will present information about the first few weeks of the Curbside Cart program, including data highlights.

The presentation will focus on service to citizens, statistics about our carts, and plans for the upcoming months as we continue this transition to a new system.

Cost: \$0

Funding Source: N/A

Requested By: Mackenzie Jones, Recycling Outreach Coordinator

Approved By: City Manager's Office

Attachments: Launch Data Powerpoint

Recommendation:

No action is required.