

**AGREEMENT  
FOR  
PROFESSIONAL CONSULTANT SERVICES  
BETWEEN  
BROKEN ARROW MUNICIPAL AUTHORITY  
AND  
JACOBS ENGINEERING GROUP INC.**

<https://www.sos.ok.gov/corp/corplnquiryFind.aspx>

**FOR  
LYNN LANE WWTP FEB IMPROVEMENTS  
PROJECT NUMBER 2154230**

This AGREEMENT, including Attachment A through Attachment E, between the Broken Arrow Municipal Authority (OWNER) and Jacobs Engineering Group Inc., (CONSULTANT);

**W I T N E S S E T H:**

WHEREAS, OWNER intends to improve the flow equalization basin (FEB) at the Lynn Lane Wastewater Treatment Plant (WWTP) (PROJECT) for which, OWNER has requested that CONSULTANT provide certain professional services as required and,

WHEREAS, CONSULTANT is qualified and capable to provide the professional services required;

NOW, therefore, in consideration of the promises contained in this AGREEMENT, OWNER and CONSULTANT agree as follows:

**ARTICLE 1 - EFFECTIVE DATE**

This AGREEMENT shall be effective upon signature of both parties.

**ARTICLE 2 - GOVERNING LAW**

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

**ARTICLE 3 - SERVICES TO BE PERFORMED BY CONSULTANT**

CONSULTANT shall perform the SERVICES described in Attachment A, Scope of Services. If construction phase services are included, the CONSULTANT shall be the OWNER'S agent and representative to observe, record and report with respect to all services that are required or authorized by the construction documents.

**ARTICLE 4 – ORGANIZATION OF SUBMITTAL DOCUMENTS**

CONSULTANT shall prepare the documents as described in Attachment B as part of this Agreement.

**ARTICLE 5 - COMPENSATION**

OWNER shall pay CONSULTANT in accordance with Attachment C, Compensation.

**ARTICLE 6 - OWNER'S RESPONSIBILITIES**

OWNER shall be responsible for all matters described in Attachment D, OWNER'S Responsibilities and Special Conditions.

## **ARTICLE 7 - STANDARD OF CARE**

CONSULTANT shall perform the SERVICES undertaken in a manner consistent with the prevailing accepted standard for similar services with respect to projects of comparable function and complexity, and with the applicable state laws, as well as the specific codes, regulations, design criteria and construction specifications adopted by the owner and other governing policies published and generally considered authoritative by CONSULTANT'S profession that are in effect in the same locality of performance of these SERVICES and at the time of performance of these SERVICES. CONSULTANT is obligated to perform professional services in accordance with the foregoing standard with respect to the laws, codes, regulations, design criteria and construction specifications that are applicable pursuant to this AGREEMENT.

## **ARTICLE 8 - LIABILITY**

- 8.1 General. Having considered the potential liabilities that may exist during the performance of these SERVICES, the benefits of the PROJECT, and CONSULTANT'S fee for the SERVICES; and in consideration of the promises contained in this AGREEMENT, OWNER and CONSULTANT agree to allocate and limit such liabilities in accordance with Article 10.
- 8.2 Indemnification. CONSULTANT agrees to defend, indemnify, and hold harmless OWNER, and its agents and employees, from and against legal liability for all claims, losses, damages, and expenses to the extent such claims, losses, damages, or expenses are caused by the negligent or intentional acts, errors, or omissions of CONSULTANT, its agents or employees. In the event claims, losses, damages, or expenses are caused by the joint or concurrent negligence of OWNER and CONSULTANT, or their agents or employees, then they shall be borne by each party in proportion to each entity's own negligence.
- 8.3 Consequential Damages. OWNER shall not be liable to CONSULTANT for any special, indirect, or consequential damages resulting in any way from the performance of the SERVICES such as, but not limited to, loss of use, loss of revenue, or loss of anticipated profits.
- 8.4 Survival. Upon completion of all SERVICES, obligations, and duties provided for in this AGREEMENT, or if this AGREEMENT is terminated for any reason, the terms and conditions of this Article 8 shall survive.

## **ARTICLE 9 - INSURANCE**

During the performance of the SERVICES under this AGREEMENT, CONSULTANT shall maintain the following insurance:

- (1) General Liability Insurance, with a combined single limit of \$1,000,000 for each occurrence and \$1,000,000 in the aggregate;
- (2) Automobile Liability Insurance, with a combined single limit of not less than \$1,000,000 for each person, not less than \$1,000,000 for each accident and not less than \$1,000,000 for property damage; and
- (3) Professional Liability Insurance, with a limit of \$1,000,000 annual aggregate.

CONSULTANT shall furnish OWNER certificates of insurance, which shall not be canceled without at least thirty (30) days written notice to OWNER. All PROJECT sub-consultants shall be required to name OWNER and CONSULTANT as certificate holders on their certificate of insurance for the PROJECT, and shall be required to indemnify OWNER and CONSULTANT to the same extent. CONSULTANT shall be held responsible to submit certificates of insurance for sub-consultants to OWNER prior to the sub-consultant's release to commence work.

## **ARTICLE 10 - LIMITATIONS OF RESPONSIBILITY**

CONSULTANT shall not be responsible for: (1) construction means, methods, techniques, sequences, procedures, or safety precautions and programs in connection with the construction of the PROJECT; or (2) procuring permits, certificates, and licenses required for any construction unless such responsibilities are specifically assigned to CONSULTANT in Attachment A, Scope of Services.

## **ARTICLE 11 - LIMITATIONS OF RESPONSIBILITIES FOR ACTS OF OTHERS**

CONSULTANT shall not at any time supervise, direct, control or have authority over any work performed by any employee, contractor or other agent of OWNER. CONSULTANT shall not be responsible for the acts or omissions of any employee, contractor or other agent associated with the PROJECT except for its own employees, subcontractors and other agents.

## **ARTICLE 12 - OPINIONS OF COST AND SCHEDULE**

Since CONSULTANT has no control over the cost of labor, materials, or equipment furnished by others, or over the resources provided by others to meet PROJECT schedules, CONSULTANT'S opinion of probable costs and of PROJECT schedules shall be made on the basis of experience and qualifications as a professional. CONSULTANT does not guarantee that proposals, bids, or actual PROJECT costs will conform to OWNER'S cost estimates or that actual schedules will conform to OWNER'S projected schedules.

## **ARTICLE 13 - REUSE OF DOCUMENTS**

All documents, including, but not limited to, drawings, specifications, and details, reports, etc. prepared by or provided by CONSULTANT or OWNER pursuant to this AGREEMENT are instruments of service in respect to the PROJECT. They are not intended or represented to be suitable for reuse by OWNER or CONSULTANT or others on extensions of the PROJECT or on any other project. Any reuse or adaptation by OWNER or CONSULTANT for anything other than the specific purpose intended for the PROJECT will be at the party's sole risk and without liability or legal exposure to the other party.

## **ARTICLE 14 - OWNERSHIP OF DOCUMENTS AND INTELLECTUAL PROPERTY**

Except as otherwise provided herein, engineering documents, drawings, and specifications prepared by CONSULTANT as part of the SERVICES shall become the property of OWNER. CONSULTANT shall retain its rights in its standard drawing details, specifications, data bases, computer software, and other proprietary property. Rights to intellectual property developed, utilized, or modified in the performance of the SERVICES shall remain the property of CONSULTANT, but shall be provided to the OWNER, at no additional expense to the OWNER.

## **ARTICLE 15 - TERMINATION**

This AGREEMENT may be terminated by either party upon written notice in the event of substantial failure by the either party to perform in accordance with the terms of this AGREEMENT. The non-performing party shall have fifteen (15) calendar days from the date of the termination notice to cure or to submit a plan for cure acceptable to the other party.

OWNER may suspend performance of this AGREEMENT for OWNER'S convenience upon written notice to CONSULTANT. Upon restart, an equitable adjustment may be made to CONSULTANT'S compensation, if the period of suspension has created an economic hardship for the CONSULTANT.

## **ARTICLE 16 - DELAY IN PERFORMANCE**

Neither OWNER nor CONSULTANT shall be considered in default of this AGREEMENT for delays in performance caused by circumstances beyond the reasonable control of the non-performing party. For purposes of this AGREEMENT, such circumstances include, but are not limited to, abnormal weather conditions such as floods, earthquakes, fire; civil disturbances such as war, riots, or other civil epidemic; power outages, strikes, lockouts, work slowdowns, or other labor disturbances; sabotage; judicial restraint, and inability to procure permits, licenses, or authorizations from any local, state, or federal agency for any of the supplies, materials, accesses, or services required to be provided by either OWNER or CONSULTANT under this AGREEMENT.

Should such circumstances occur, the non-performing party shall, within a reasonable time of being prevented from performing, give written notice to the other party describing the circumstances preventing continued performance and the efforts being made to resume performance of this AGREEMENT.

#### **ARTICLE 17 - WAIVER**

A waiver by either OWNER or CONSULTANT of any breach of this AGREEMENT shall be in writing. Such a waiver shall not affect the waiving party's rights with respect to any other or further breach.

#### **ARTICLE 18 - SEVERABILITY**

The invalidity, illegality, or unenforceability of any provision of this AGREEMENT or the occurrence of any event rendering any portion or provision of this AGREEMENT void shall in no way affect the validity or enforceability of any other portion or provision of this AGREEMENT. Any void provision shall be deemed severed from this AGREEMENT, and the balance of this AGREEMENT shall be construed and enforced as if this AGREEMENT did not contain the particular portion or provision held to be void. The parties further agree to amend this AGREEMENT to replace any stricken provision with a valid provision that comes as close as possible to the intent of the stricken provision. The provisions of this Article shall not prevent this entire AGREEMENT from being void should a provision which is of the essence of this AGREEMENT be determined void.

#### **ARTICLE 19 - INTEGRATION**

This AGREEMENT represents the entire and integrated AGREEMENT between OWNER and CONSULTANT. It supersedes all prior and contemporaneous communications, representations, and agreements, whether oral or written, relating to the subject matter of this AGREEMENT.

#### **ARTICLE 20 - SUCCESSORS AND ASSIGNS**

To the extent permitted by Article 22, OWNER and CONSULTANT each binds itself and its successors and assigns to the other party to this AGREEMENT.

#### **ARTICLE 21 - ASSIGNMENT**

Neither OWNER nor CONSULTANT shall assign its duties under this AGREEMENT without the prior written consent of the other party. Unless otherwise stated in the written consent to an assignment, no assignment will release or discharge the assignor from any obligation under this AGREEMENT. Nothing contained in this Article shall prevent CONSULTANT from employing independent sub-consultants, associates, and sub-contractors to assist in the performance of the SERVICES. However, third party entities must comply with Article 9.

#### **ARTICLE 22 - THIRD PARTY RIGHTS**

Nothing in this AGREEMENT shall be construed to give any rights or benefits to anyone other than OWNER and CONSULTANT.

#### **ARTICLE 23 - COMPLETION**

CONSULTANT shall complete the services within the time frame outlined on Attachment E, Schedule, subject to conditions which are beyond the control of the CONSULTANT.

#### **ARTICLE 24 - IMMIGRATION COMPLIANCE**

24.1 Consultant shall demonstrate that he:

- 24.1.1 Has complied, and shall at all times during the term of this Contract, comply in all respects with all immigration-related laws, statutes, ordinances and regulations including without limitation, the Immigration and Nationality Act, as amended, the Immigration Reform and Control Act of 1986, as amended, and the Oklahoma Taxpayer and Citizen Protection Act of 2007 (Oklahoma HB 1804) and any successor laws, ordinances or regulations (collectively, the Immigration Laws"); and
- 24.1.2 Has properly maintained, and shall at all times during the term of this Contract, maintain any and all employee records required by the U.S. Department of Homeland Security ("DHS"), including,

without limitation, properly completed and maintained Form I-9s for each of the Consultants employees; and

- 24.1.3 Has verified the employment eligibility for all employees hired on or after July 1, 2008 through DHS's E-Verify system, and shall at all times continue to verify the employment eligibility of all employees hired during the term of this Contract; and
- 24.1.4 Has required, and will at all times during the term of this Contract, require any sub-contractor utilized, hired or sub-contracted for by Consultant for the completion or undertaking of any duties, tasks or responsibilities under this Contract, to comply the requirements and obligations imposed by the Immigration Laws and set forth in Paragraph (I), parts (a), (b) and (c), above, with regards to each of the sub-contractor's employees.
- 24.2 Consultant will indemnify, defend and hold harmless BAMA against any loss, cost, liability, expense (including, without limitation, costs and expenses of litigation and reasonable attorney's fees) demands, claims, actions, causes of action, liabilities, suits, damages, including special and consequential damages that arise from or in connection with, directly or indirectly, Consultants failure, deliberate or negligent, to fulfill its obligations and representations regarding verifying the employment eligibility of its employees and the employees of any subcontractor utilized by Contractor as set forth more fully in Paragraph 24.1 above.

## **ARTICLE 25 - COMMUNICATIONS**

Any communication required by this AGREEMENT shall be made in writing to the address specified below:

OWNER: Broken Arrow Municipal Authority  
485 N. Poplar Street  
Broken Arrow, OK 74012  
Contact: Mr. Roger D. Hughes, P.E.  
Engineering Division Manager

CONSULTANT: Jacobs Engineering Group Inc.  
401 S Boston, Suite 330  
Tulsa, Oklahoma 74103  
918.921.6050  
Contact: Luke Lenard, PE  
Project Manager

Nothing contained in this Article shall be construed to restrict the transmission of routine communications between representatives of OWNER and CONSULTANT.

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IN WITNESS WHEREOF, the General Manager of the Broken Arrow Municipal Authority in Broken Arrow, Oklahoma has hereunto set his hand, for and on behalf of the Broken Arrow Municipal Authority and the CONSULTANT has signed, or caused his name to be signed, and seal affixed by proper authority, the day and year first above written and these presents have been executed in triplicate counterparts.

**OWNER:**

Broken Arrow Municipal Authority

By:

Michael L. Spurgeon, General Manager

Date:

Attest:

Secretary [Seal]

Date:

Approved as to form:

*[Signature]*

Assistant City Attorney

**CONSULTANT:**

Jacobs Engineering Group Inc.

By:

Scott Bussell, Vice President

Date: 4/01/2021

(CORPORATE SEAL, IF APPLICABLE)

Attest:

Official's Full Name, Office  
Justin Johnson, Secretary

Date: 4/1/2021



**VERIFICATION**

State of Texas)

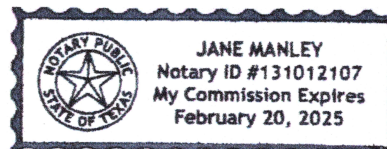
County of Dallas) §

Before me, a Notary Public, on this 1 day of April, ~~2019~~ <sup>2021</sup>, personally appeared Scott Bussell, known to be to be the (President, Vice-President, Corporate Officer, Member, or Other: Vice-President) of Jacobs Engineering Group Inc, and to be the identical person who executed the within and foregoing instrument, and acknowledged to me that he/she executed the same as his/her free and voluntary act and deed for the uses and purposes therein set forth.

My Commission Expires:

February 20, 2025

Notary Public



**AGREEMENT SUMMARY  
BROKEN ARROW MUNICIPAL AUTHORITY  
LYNN LANE WWTP FEB IMPROVEMENTS  
PROFESSIONAL CONSULTANT AGREEMENT**

**PROJECT NO. 2154230**

**1.0 Professional Consulting Firm:**

1.1 Name: Jacobs Engineering Group Inc.  
1.2 Telephone No.: 918.921.6050  
1.3 Address: 401 S Boston, Suite 330  
Tulsa, OK 74103

**2.0 Project Name/Location:** Lynn Lane WWTP FEB Improvements, Broken Arrow, OK

**3.0 Statement of Purpose:** CONSULTANT understands that the OWNER has retained their professional services in order to prepare Construction Documents for construction of Lynn Lane WWTP FEB, Broken Arrow, OK. These documents shall include, but not be limited to, the following: provide the bid document quantities; construction plans detailing the intent of the project; standard details and standard drawings associated with the project specifics; construction specifications; general conditions, and special conditions.

**4.0 Agreement Summary:**

4.1 Agreement Amount:	NTE Survey	\$ 4,200.00
	NTE Geotech	\$ 18,375.00
	Schematic Design	\$ 34,939.72
	60 % Design	\$ 50,376.94
	Final Design	\$ 43,272.55
	Construction Documents	\$ 28,316.03
	Bidding Assistance	\$ 6,525.38
	Record Drawings	\$ 6,246.38
	Drawing Production	\$ 1,200.00
	<u>Project Closeout</u>	<u>\$ 1,513.36</u>
<b>TOTAL AGREEMENT AMOUNT</b>		<b>\$ 194,965.36</b>

4.2 Agreement Time: 250 calendar days

4.3 Estimated Construction Cost: \$2,000,000.00

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

**ATTACHMENT A  
TO  
AGREEMENT FOR PROFESSIONAL CONSULTING SERVICES  
BETWEEN  
BROKEN ARROW MUNICIPAL AUTHORITY (OWNER)  
AND  
JACOBS ENGINEERING GROUP INC. (CONSULTANT)  
FOR  
LYNN LANE WWTP FEB IMPROVEMENTS  
PROJECT NO. 2154230**

**SCOPE OF SERVICES**

The following scope of services shall be made a part of the AGREEMENT dated the \_\_\_\_\_ day of \_\_\_\_\_ 2021

**1.0 PROJECT UNDERSTANDING**

- 1.1 CONSULTANT understands that the OWNER has retained their professional services in order to prepare construction documents for bidding purposes for the construction of Lynn Lane WWTP FEB at 8700 South Lynn Lane in Broken Arrow. These documents shall include, the following: a technical memorandum including results of the assessment of the existing conditions and improvement alternatives;; sixty percent design drawings, specifications, and construction estimate; ninety percent design drawings, specifications, and construction estimate; final construction plans detailing the intent of the project; standard details and standard drawings associated with the project specifics; construction specifications; general conditions, and special conditions.
- 1.2 The CONSULTANT is required to keep the OWNER apprised of the PROJECT costs and advise the OWNER of necessary cost reduction measures, if required, during the course of the PROJECT.
- 1.3 Furthermore, the CONSULTANT understands that the OWNER has \$1,955,000.00 budgeted for this PROJECT that includes all professional consultant fees and project construction monies. CONSULTANT is not responsible for construction costs exceeding the OWNER's budgeted amount for the project.

**2.0 PROJECT SCOPE**

- 2.1 The project consists of completing a design for improving an approximately two-acre FEB by removing all asphalt from the side walls and bottom, designing a new liner, replacing the intake suction screen, and assessing the FEB pump for capacity and redundancy.
- 2.2 CONSULTANT will provide the FEB pump assessment in the initial technical memorandum and negotiate additional fee as required to complete the design for the desired pump improvements for construction.
- 2.3 A civil survey of the FEB to provide existing dimensions and volume.
- 2.4 A geotechnical investigation performed by a third-party is required. The third-party geotechnical contractor will complete up to four soil bores and provide a Geotechnical Report (Soils Report).



- 2.5 CONSULTANT will provide Civil, Mechanical, and Electrical Drawings and Specifications signed/sealed/dated for permitting and construction.
- 2.6 Assistance during construction services, including the review of construction submittals and response to RFIs will be negotiated at a later date if required by the City.

### **3.0 SCOPE OF SERVICES**

- 3.1 ADMINISTRATIVE/MANAGERIAL DUTIES: CONSULTANT shall be responsible to perform the following tasks throughout the course of the PROJECT:
  - 3.1.1 Document all meetings, conferences, coordination, phone conversations, etc. and send documentation to OWNER within three (3) calendar days.
  - 3.1.2 Meet with the Owner in a Pre-Design Conference in order to determine design criteria, requirements and codes and other critical design features of the Project such as preferred alignment as well as project schedule and milestone dates.
  - 3.1.3 Provide Owner with a list of all proposed sub-consultants and tasks sub-consultants are responsible to perform.
  - 3.1.4 Meet with the Owner to discuss review comments on each phase of the project and incorporate appropriate comments into following phase.
- 3.2 SCHEMATIC DESIGN PHASE
  - 3.2.1 Complete site survey and geotechnical investigation.
  - 3.2.2 Prepare a technical memorandum assessing the existing conditions of the FEB and providing design alternatives to improve the FEB liner. CONSULTANT shall also provide an analysis of the FEB pump evaluating capacity and redundancy. An initial budgetary estimate shall be included in the technical memorandum. CONSULTANT shall use analysis and recommendation for FEB pump modifications to determine additional design fee if Owner determines to move forward with pump modifications.
- 3.3 PRELIMINARY DESIGN PHASE: Upon receiving the written Notice to Proceed and OWNER comments from the Schematic Design Phase, the Consultant shall perform the following tasks in accordance with the schedule provided in Attachment E:
  - 3.3.1 Prepare preliminary, 60% drawings for proposed construction.
  - 3.3.2 Prepare a budgetary cost estimate for the proposed improvements.
  - 3.3.3 Facilitate a project kickoff meeting, technical memorandum review meeting, and 60% review meeting remotely with CONSULTANT Project Manager, Geotechnical Lead, and Process Lead in attendance or in-person with CONSULTANT Project Manager in attendance.
  - 3.3.4 Submit five (5) 11"x17" paper copies and one (1) PDF copy of the preliminary design, including building plan for review by the OWNER.
- 3.4 FINAL DESIGN PHASE: Upon receiving the written Notice to Proceed and receiving OWNER comments on preliminary design documents, CONSULTANT shall perform the following tasks in accordance with the schedule provided in Attachment E:
  - 3.4.1 Prepare 90% plans and details for the improvements identified in paragraph 3.2 above.

- 3.3.2 Prepare 90% construction cost estimate.
  - 3.3.3 Attend meeting to review final plans.
  - 3.3.4 Prepare construction specifications; Contract documents other than drawings and estimates on 8-1/2" x 11" plain white bond paper. All documents shall be suitable for original camera-ready copy.
  - 3.3.5 Prepare Contract proposals.
  - 3.3.6 Facilitate a final design meeting and construction document review meeting remotely with CONSULTANT Project Manager, Geotechnical Lead, and Process Lead in attendance or in-person with CONSULTANT Project Manager in attendance.
  - 3.3.7 Submit five (5) bound sets of reduced-size prints of final construction plans on 11" x 17" plain white bond paper, one (1) unbound set of full-size prints, and a PDF copy on CD or DVD, of final construction plans, to the OWNER for distribution and review.
- 3.4 BID DOCUMENTS.
- 3.4.1 Incorporate final design review comments and furnish one (1) complete set of full-size drawings and contract documents, one (1) unbound set of reduced-size (11" x 17") drawings, and one (1) set of final drawings on electronic media (AutoCAD 2021 or earlier version), and one (1) master set of final specifications on electronic media and paper.
- 3.5 BID ASSISTANCE PHASE:
- 3.5.1 Answer questions from prospective bidders that are forwarded to the A/E from the City.
  - 3.5.2 Assist in the preparation of addenda to be issued by the City.
- 3.6 CONSTRUCTION SERVICES PHASE: This phase may be negotiated with the CONSULTANT upon the request of the OWNER.
- 3.7 RECORD DRAWINGS.
- 3.7.1 Upon completion of construction, the CONSULTANT will incorporate the contractor's red-line markups of the construction drawings and submit one (1) set of record drawings on electronic media (AutoCAD 2013 or earlier version).

**ATTACHMENT B  
TO  
AGREEMENT FOR PROFESSIONAL CONSULTING SERVICES  
BETWEEN  
BROKEN ARROW MUNICIPAL AUTHORITY (OWNER)  
AND  
JACOBS ENGINEERING GROUP INC. (CONSULTANT)  
FOR  
LYNN LANE WWTP FEB IMPROVEMENTS, PROJECT NO. 2154230**

**ORGANIZATION OF SUBMITTAL DOCUMENTS**

The CONSULTANT shall prepare the following documents as described as a part of the AGREEMENT dated the \_\_\_\_\_ day of \_\_\_\_\_ 2021.

- 1.0 CONSTRUCTION PLANS:** The CONSULTANT shall submit in-full, construction plans in accordance with City requirements.
- 2.0 DESIGN ANALYSIS:** The CONSULTANT shall submit in-full, a design analysis containing calculations, cut sheets, and outline specifications as described.
- 3.0 TECHNICAL SPECIFICATIONS:** The CONSULTANT shall submit in-full, in accordance with this AGREEMENT, technical specifications to be included in the bidding documents and construction contract.
- 4.0 DESIGN CALCULATIONS:** The CONSULTANT shall submit in-full, in accordance with this AGREEMENT, the following documents as part of the Design Analysis.
  - 4.1 Pump and structural design calculations, geotechnical evaluations, and liner evaluations.
- 5.0 CONTRACT DOCUMENTS:** The CONSULTANT shall submit in-full, all bid documents in accordance with City requirements.

**ATTACHMENT C  
TO  
AGREEMENT FOR PROFESSIONAL CONSULTING SERVICES  
BETWEEN  
BROKEN ARROW MUNICIPAL AUTHORITY (OWNER)  
AND  
JACOBS ENGINEERING GROUP INC. (CONSULTANT)  
FOR  
LYNN LANE WWTP FEB IMPROVEMENTS, PROJECT NO. 2154230**

**COMPENSATION AND ADDITIONAL SERVICES**

The following compensation and hourly rates shall apply as described in Attachment D and shall be made a part of the AGREEMENT dated the \_\_\_\_\_ day of \_\_\_\_\_ 2021.

**1.0 BASIC COMPENSATION**

1.1 The basic compensation for the Professional Consultant to perform all duties and responsibilities associated with the Scope of Services as described in Attachment A shall be in accordance with the following payment breakdown:

- 1.1.1 Preliminary Phase Payment: The OWNER shall pay the CONSULTANT a lump sum amount of \$ TBD for the completion of the Preliminary Phase. This amount includes all labor, material, overhead and profit associated with the Scope of Services. In addition, this phase includes submittal of site plan to Development Services along with site plan application for site plan review.
- 1.1.2 Final Phase Payment: The OWNER shall pay the CONSULTANT a lump sum amount of \$ TBD for the completion of the Final Phase. This amount includes all labor, material, overhead and profit associated with the Scope of Services.
- 1.1.3 Construction Services Phase: The OWNER may negotiate professional services fee with the CONSULTANT at the OWNER'S discretion.
- 1.1.4 Project Closeout Phase Payment: The OWNER shall pay the CONSULTANT a lump sum amount of \$ TBD for preparation of record drawings in electronic media (AutoCAD 2012/2021 or earlier version) and PDF format.
- 1.1.5 The OWNER may negotiate other professional services fees with the CONSULTANT at the OWNER'S discretion.

**2.0 ADDITIONAL SERVICES BASED ON TIME**

The hourly rates set forth in Appendix 1 include all salaries, benefits, overhead and other indirect costs including federal, state, and local taxes, plus profit and effective as of TBD for engineering services.

**3.0 REPRODUCTION**

All charges for reproduction shall be included in Basic Compensation Fee of the Professional Consultant. No separate payment will be made for these expenses.

**4.0 MILEAGE**

All direct costs shall be included in the Basic Compensation of the Professional Consultant. No separate payment will be made for these expenses.

## **5.0 DIRECT COSTS**

All direct costs shall be included in the Basic Compensation of the Professional Consultant. No separate payment will be made for these expenses.

## **6.0 ADJUSTMENT CLAUSE**

The rates and costs described in this AGREEMENT shall not be revised annually, unless mutually agreed upon by both parties.

**ATTACHMENT D  
TO  
AGREEMENT FOR CONSULTING SERVICES  
BETWEEN  
BROKEN ARROW MUNICIPAL AUTHORITY (OWNER)  
AND  
JACOBS ENGINEERING GROUP INC. (CONSULTANT)  
FOR  
LYNN LANE WWTP FEB IMPROVEMENTS, PROJECT NO. 2154230**

**OWNER'S RESPONSIBILITIES AND SPECIAL CONDITIONS**

The following list of special OWNER'S responsibilities and contract special conditions shall be made a part of this AGREEMENT dated the \_\_\_\_\_ day of \_\_\_\_\_ 2021.

**1.0 OWNER'S RESPONSIBILITIES**

- 1.1 OWNER shall furnish to CONSULTANT all available information pertinent to the PROJECT including previous reports and any other data relative to design and construction of the PROJECT;
- 1.2 OWNER shall furnish to CONSULTANT all public utility information available relative to the design and construction of the PROJECT. Consultant topographical survey shall locate all utilities above and below ground for exact location;
- 1.3 OWNER shall furnish to CONSULTANT list of codes adopted by the municipality as well as subdivision regulations, design criteria and construction standards and specifications that may be pertinent to the design and construction of the PROJECT;
- 1.4 OWNER shall be responsible for all permit fees and for all reproduction costs associated with the bidding of the final approved construction documents required for the construction of this PROJECT;
- 1.5 OWNER shall be responsible for all land/easement acquisition costs and filing of the required legal documents, if necessary; and
- 1.6 OWNER shall examine all studies, reports, sketches, estimates, specifications, plan drawings, proposals, and other documents presented by the CONSULTANT and render in writing decisions pertaining thereto within a reasonable time so as not to delay the SERVICES of the CONSULTANT.



**ATTACHMENT E  
TO  
AGREEMENT FOR PROFESSIONAL CONSULTING SERVICES  
BETWEEN  
CITY OF BROKEN ARROW(OWNER)  
AND  
JACOBS ENGINEERING GROUP INC. (CONSULTANT)  
FOR  
CITY OF BROKEN ARROW MAINTENANCE YARD PAVEMENT REHABILITATION  
PROJECT NO. 2154230**

**PROJECT SCHEDULE**

The following schedule shall be made a part of the AGREEMENT dated the \_\_\_\_\_ day of \_\_\_\_\_ 2021.

**1.0 FIELD EXPLORATION:**

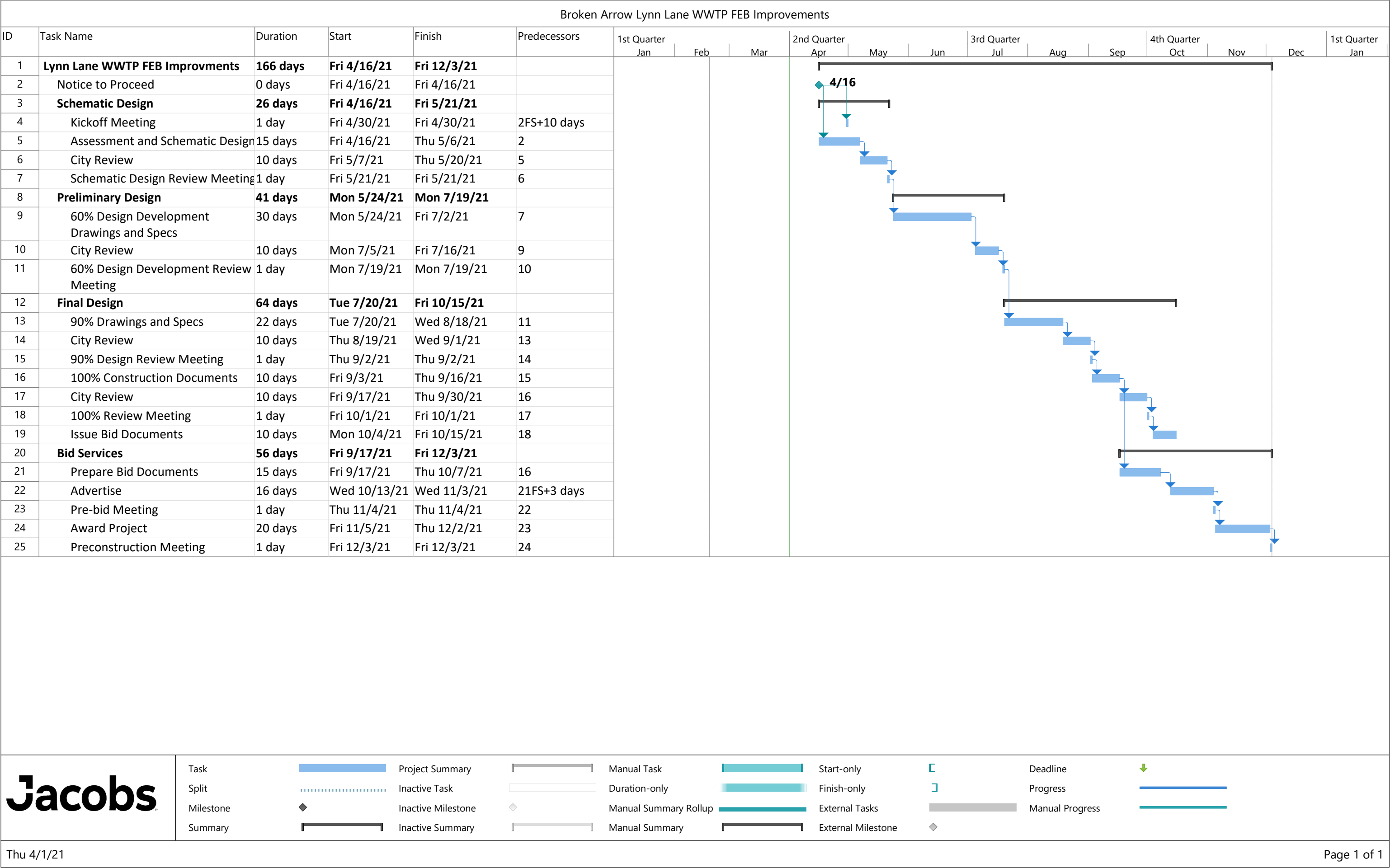
- 2.1 Notice to Proceed: Upon written notice to proceed Consultant shall begin field exploration within five to seven working days.

**2.0 GEOTECHNICAL REPORT:**

- 2.1 Technical report shall be completed within approximately ten to twelve business days following the completion of field work and laboratory testing.

**3.0 DESIGN:**

- 3.1 Schematic, Preliminary, and Final Designs shall be completed within 240 calendar days given timely reviews and approval from OWNER.



**LYNN LANE WWTP FEB IMPROVEMENTS**

Task	Principle in Charge Ostervold, Lars	Project Manager/EOR Luke Lenard	Geotechnical Lead Feeney, Mike	Geotechnical Lead Cosner, Matt	Structural Lead Young, Scott	Process Lead Rahman, Arifur	Electrical Lead Beaderstadt, Blair	Construction Estimator Jones, Tom	CADD Kenas, Bill	Project Assistant George, Amanda	Spec Processor Diedre Marsh	Mechanical QC Brian Fuerst	Total Hours by Task	Total Labor Cost by Task
	\$ 230	\$ 160	\$ 222	\$ 98	\$ 154	\$ 121	\$ 117	\$ 198	\$ 126	\$ 59	\$ 83	\$ 237		
<b>Schematic Design</b>														
Kickoff Meeting	2	6	4			8							20	\$3,275.48
30% Assessment and Schematic Design TM	4	20	40	40	20	40	4	12		2		6	188	\$29,204.16
30% Schematic Design Review Meeting	1	5	2	2	2	4							16	\$2,460.08
<b>Design Development</b>														
60% Design Development Design Drawings	2	34	6	8	20	40	8		136	2		8	264	\$36,056.60
60% Design Development Specifications		8	6	4	4	4	4			12	24	8	74	\$9,166.68
60% Engineer Estimate		2				2		12					16	\$2,936.36
60% Design Development Review Meeting	1	5	2	2	2	2							14	\$2,217.30
<b>Final Design</b>														
90% Final Design Drawings		17	6	8	8	34			136	2		4	215	\$28,429.03
90% Final Design Specifications		8	6	2	4	12	12			8	24	4	80	\$9,689.86
90% Engineer Estimate		2				2		12					16	\$2,936.36
90% Final Design Review Meeting	1	5	2	2	2	2							14	\$2,217.30
<b>Construction Documents</b>														
100% Construction Drawings		17	6		8	20	8		68	2		4	133	\$18,290.33
100% Construction Specifications		4	4		4	8	4			8	8	4	44	\$5,663.44
100% Engineer Estimate		2				2		8					12	\$2,144.96
100% Construction Review Meeting	1	5	2	2	2	2							14	\$2,217.30
<b>Bid Services</b>		16	6			6			8	4	8		48	\$6,525.38
<b>Services During Construction</b>														
Submittals													0	\$0.00
RFI													0	\$0.00
Construction Meetings													0	\$0.00
Site Visits													0	\$0.00
Record Drawings		6							40	4			50	\$6,246.38
Startup													0	\$0.00
Warranty Services													0	\$0.00
<b>Project Closeout</b>		8								4			12	\$1,513.36
<b>Total Hours</b>	12	170	92	70	76	188	40	44	388	48	64	38	1230	\$171,190.36
<b>Labor Cost</b>	\$ 2,756	\$ 27,147	\$ 20,398	\$ 6,847	\$ 11,679	\$ 22,821	\$ 4,662	\$ 8,705	\$ 49,008	\$ 2,830	\$ 5,323	\$ 9,014		
<b>Total Hours</b>	1230													
<b>Total Labor Cost</b>	\$ 171,190													
Survey	\$4,200.00													
Geotech	\$18,375.00													
Drawing Production	\$1,200.00													
<b>Total Cost</b>	\$194,965.36													