

**AGREEMENT SUMMARY
BROKEN ARROW MUNICIPAL AUTHORITY
WATER TREATMENT PLANT CAUSTIC CIP TANK REPLACEMENT
PROFESSIONAL CONSULTANT AGREEMENT
PROJECT NUMBER 185436**

1.0 Professional Consulting Firm:

- 1.1 Name: ECCI
- 1.2 Telephone No.: (501) 975-8100
- 1.3 Address: 13000 Cantrell Road Little Rock, Arkansas 72223-1637

2.0 Project Name/Location: Water Treatment Plant (WTP) Caustic CIP Tank Replacement located at 6670 South 361st Street, Broken Arrow, OK

3.0 Statement of Purpose: The project consists of the preparation of construction documents for the replacement of a failing Caustic CIP (clean in-place) fiberglass tank. This is the holding tank for the chemical used to clean the membrane filtration system. The project also includes inspection of the manufacturer during fabrication of the fiberglass tank to insure they are following level 2 criteria per ASME RTP-1. The contract also covers onsite inspection during the replacement of the Caustic CIP Tank.

4.0 Agreement Summary:

- 4.1 Agreement Amount:
- | | |
|---|--------------------|
| Design Fee lump sum amount of | \$13,750.00 |
| Site Fabrication Inspection not to exceed | <u>\$ 3,250.00</u> |
| Total | \$17,000.00 |
- 4.2 Agreement Time: 180 calendar days
- 4.3 Estimated Construction Cost: \$100,000.00

5.0 Contract Documents and Priority: The Broken Arrow Municipal Authority (OWNER), represented by the City Manager, and the Professional Consulting firm, (CONSULTANT), identified in paragraph 1.0 agree to perform this AGREEMENT in strict accordance with the clauses, provisions, and the documents identified as below, all of which are made part of this Contract. In the event of conflict, these documents shall be interpreted in the following order:

- 5.1 AGREEMENT with corresponding Attachments;
- 5.2 Duly authorized Amendments to the AGREEMENT;
- 5.3 AGREEMENT Summary;
- 5.4 Specific project written correspondence mutually recognized; and
- 5.5 Specific project verbal instructions mutually recognized.

6.0 Agreement Approved by the Owner on: _____

**AGREEMENT
FOR
PROFESSIONAL CONSULTANT SERVICES
BETWEEN
BROKEN ARROW MUNICIPAL AUTHORITY
AND
ECCI**

This AGREEMENT, including Attachment A through E, between the Broken Arrow Municipal Authority (OWNER) and ECCI (CONSULTANT);

WITNESSETH:

WHEREAS, OWNER intends to utilize engineering services for the caustic CIP tank replacement (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

The effective date of this AGREEMENT shall be the 2ND day of January 2018.

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 - COMPENSATION

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

ARTICLE 5 - OWNER'S RESPONSIBILITIES

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

ARTICLE 6 - 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 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 7 - LIABILITY

7.1 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 8.

7.2 Indemnification. CONSULTANT agrees to defend, indemnify, and hold harmless OWNER's 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 CONSULTANT's negligent or intentional acts, errors, or omissions. In the event claims, losses, damages, or expenses are caused by the joint or concurrent negligence of OWNER and CONSULTANT, then they shall be borne by each party in proportion to each entity's own negligence.

7.3 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.

7.4 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 7 shall survive.

ARTICLE 8 - 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 include a provision that such insurance 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 9 - 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 10 - LIMITATIONS OF RESPONSIBILITIES FOR ACTS OF OTHERS

Provided that the CONSULTANT has acted in good faith and performed his duties in accordance with this AGREEMENT, CONSULTANT shall not be liable to OWNER for breach of contract or for negligent error or omission in failing to detect, prevent, or report the failure of any contractor, subcontractor, vendor, or other PROJECT participant to fulfill contractual or other responsibilities to the OWNER, failure to finish or construct the PROJECT in accordance with the plans and specifications, or failure to comply with federal, state, or local laws, ordinances, regulations, rules, codes, orders, criteria, or standards.

ARTICLE 11 - 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 12 - REUSE OF DOCUMENTS

All documents, including, but not limited to, drawings, specifications, and details, reports, etc. prepared by CONSULTANT 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 CONSULTANT or others on extensions of the PROJECT or on any other project. Any reuse or adaptation without prior written verification by the OWNER for the specific purpose intended will be at CONSULTANT'S sole risk and without liability or legal exposure to the OWNER. CONSULTANT shall defend, indemnify, and hold harmless the OWNER against all claims, losses, damages, injuries, and expenses, including attorney's fees, arising out of or resulting from such reuse.

ARTICLE 13 - 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 14 - 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 15 - 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.

ARTICLE 15 - DELAY IN PERFORMANCE – continued

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 16 - COMMUNICATIONS

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

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

CONSULTANT: ECCI
13000 Cantrell Road
Little Rock, AR 72223
Contact Name: Sierra Morgan
Project Engineer

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

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 21, 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 8.

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 City against any loss, cost, liability, expense (including, without limitation, costs and expenses of litigation and reasonable attorneys 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.

IN WITNESS WHEREOF, OWNER and CONSULTANT have executed this Agreement.

OWNER:

Broken Arrow Municipal Authority

Approved as to form:

By Burt Amelchick
Assistant City Attorney

CONSULTANT:

Firm Name ECCI

By Robert S. Harrison
Vice President/Principal

By _____
Michael L. Spurgeon, City Manager

(CORPORATE SEAL) if applicable

Date _____

Attest:

ATTEST: Rodney Brewer
Secretary

Secretary

Date 12/22/17

VERIFICATIONS (If not a corporation)

State of Oklahoma)
) §
County of Tulsa)

Before me, a Notary Public, on this _____ day of _____, 20____, personally appeared _____, known to be to be the (President, Vice-President, Corporate Officer, Member, Partner, or Other: _____ of CONSULTANT, and to be the identical person who executed the within and foregoing instrument, and acknowledged to me that he executed the same as his free and voluntary act and deed for the uses and purposes therein set forth.

My Commission Expires:

Notary Public

**ATTACHMENT A
TO
AGREEMENT FOR PROFESSIONAL CONSULTING SERVICES
BETWEEN
BROKEN ARROW MUNICIPAL AUTHORITY (OWNER)
AND
ECCI (CONSULTANT)
FOR
WATER TREATMENT PLANT CAUSTIC CIP TANK REPLACEMENT,
PROJECT NUMBER 185436**

SCOPE OF SERVICES

The following scope of services shall be made a part of the AGREEMENT dated the 2ND day of January, 2018.

1.0 PROJECT UNDERSTANDING

CONSULTANT understands that the OWNER has retained their professional services in order to prepare construction documents for bidding purposes for the construction of Caustic CIP Tank. These documents shall include, but not be limited to, the following: a design schematic providing the basis for bid document specifications; 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. Construction inspection services are included with optional review and inspection of the manufacturing facility during fabrication.

In addition, the CONSULTANT understands that the OWNER has \$17,000.00 budgeted for this PROJECT that includes all professional consultant fees. 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.

Furthermore, CONSULTANT understands: City of Broken Arrow will authorize each part of the project before ECCI commences work.

2.0 PROJECT SCOPE

CONSULTANT shall provide consulting services as follows:

Design and Specification
Bid Review and Technical Evaluation
Fabrication Inspection
Installation Inspection

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 five (5) calendar days.
- 3.1.2 Meet with the Owner in a Pre-Design Conference in order to determine scope of work, design criteria, requirements and codes and other critical design features of the Project.

- 3.1.3 Meet with the Owner to discuss review comments on each phase of the project, and incorporate appropriate comments into following phase.
- 3.2 PRELIMINARY DESIGN PHASE: Upon receiving the written Notice to Proceed, the Consultant shall perform the following tasks in accordance with the schedule provided in Attachment E:
 - 3.2.1 Gather necessary design information to complete design sketch and bidding documents. Control shall be in accordance with the OWNER'S Engineering Design criteria.
 - 3.2.2 Research and field-verify, as able, the project boundary, which may be in conflict with the project.
 - 3.2.3 Prepare preliminary drawings of proposed project.
 - 3.2.4 Prepare preliminary estimate of construction costs using 15% contingency.
 - 3.2.5 Submit six (6) sets of preliminary documentation prints for comments and one electronic (pdf) copy.
- 3.3 FINAL DESIGN PHASE: Following approval of the bidding documentation, and upon receiving the written Notice to Proceed, the Consultant shall perform the following tasks in accordance with the schedule provided in Attachment E:
 - 3.3.1 Finalize bidding documentation with any comments provided by the City of Broken Arrow.
 - 3.3.2 Prepare final estimate of construction costs.
 - 3.3.3 Submit construction documentation for bidding.
- 3.4 BID ASSISTANCE PHASE: Upon receiving the written Notice to Proceed, the Consultant shall perform the following tasks in accordance with the schedule provided in Attachment E:
 - 3.4.1 Assist the Owner, as requested, in advertising the Project for bids for construction.
 - 3.4.2 Conduct a pre-bid conference call, if requested by Owner.
 - 3.4.3 Serve as the technical question point of contact during bidding.
 - 3.4.4 Prepare bid tabulation and provide recommendation for award.
- 3.5 FABRICATION SERVICES PHASE (OPTIONAL): If requested by the OWNER, upon receiving the written Notice to Proceed, the Consultant shall perform the following tasks in accordance with the schedule provided in Attachment E:
 - 3.5.1 Provide one engineer to inspect the project during the fabrication process.
- 3.6 CONSTRUCTION SERVICES PHASE: Upon receiving the written Notice to Proceed, the Consultant shall perform the following tasks in accordance with the schedule provided in Attachment E:
 - 3.6.1 Review design calculations and drawings provided by the contractor.
 - 3.6.2 Provide one engineer for two days of on-site assistance during the installation process.

3.7 PROJECT CLOSE-OUT: Upon receiving the written Notice to Proceed, the Consultant shall perform the following tasks in accordance with the schedule provided in Attachment E:

- 3.7.1 Incorporate changes into the drawings and produce Record Drawings.
- 3.7.2 Submit one (1) set of record drawings on bond.
- 3.7.3 Submit record drawings on electronic media (AutoCAD 2005 or earlier version) and pdf.

**ATTACHMENT B
TO
AGREEMENT FOR PROFESSIONAL CONSULTING SERVICES
BETWEEN
BROKEN ARROW MUNICIPAL AUTHORITY (OWNER)
AND
ECCI (CONSULTANT)
FOR
WATER TREATMENT PLANT CAUSTIC CIP TANK REPLACEMENT,
PROJECT NUMBER 185436**

ORGANIZATION OF SUBMITTAL DOCUMENTS

The following documents in Attachment D and shall be made a part of the AGREEMENT dated the 2ND day of January 2018.

- 1.0 BIDDING DOCUMENTATION:** The CONSULTANT shall submit in-full, in accordance with this AGREEMENT, the following plan sheets:
- 1.1 Bid Invitation;
 - 1.2 Design Sketch;
 - 1.3 Bidding Specifications;
 - 1.4 Bidders Questions and Answers Document;
 - 1.5 Technical Bid Evaluation/Bid Tabulation
- 2.0 DESIGN CALCULATIONS:** The CONSULTANT shall submit in-full, in accordance with this AGREEMENT, the following documents:
- 2.1 Review of Contractor Provided Design Calculations
 - 2.1.1 Tank Design;
- 3.0 RECORD DRAWINGS:** The CONSULTANT shall submit in-full, in accordance with this AGREEMENT, the following documents:
- 3.1 Record Drawings;

**ATTACHMENT C
TO
AGREEMENT FOR PROFESSIONAL CONSULTING SERVICES
BETWEEN
BROKEN ARROW MUNICIPAL AUTHORITY (OWNER)
AND
ECCI (CONSULTANT)
FOR
WATER TREATMENT PLANT CAUSTIC CIP TANK REPLACEMENT,
PROJECT NUMBER 185436**

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 2nd day of January, 2018.

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 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;
- 1.3 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;
- 1.4 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.

2.0 SPECIAL CONDITIONS

- 2.1 None

**ATTACHMENT D
TO
AGREEMENT FOR PROFESSIONAL CONSULTING SERVICES
BETWEEN
BROKEN ARROW MUNICIPAL AUTHORITY (OWNER)
AND
ECCI (CONSULTANT)
FOR
WATER TREATMENT PLANT CAUSTIC CIP TANK REPLACEMENT,
PROJECT NUMBER 185436

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 2ND day of January, 2018.

1.0 BASIC COMPENSATION

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 Administrative/Managerial Duties: The OWNER shall pay the CONSULTANT a NOT TO EXCEED amount of \$1,250.00 for the completion of the Administrative/Managerial Duties. This amount includes all labor, material, overhead and profit associated with the Scope of Services.
- 1.2 Preliminary Phase Payment: The OWNER shall pay the CONSULTANT a NOT TO EXCEED amount of \$3,800.00 for the completion of the Preliminary Phase. This amount includes all labor, material, overhead and profit associated with the Scope of Services.
- 1.3 Final Phase Payment: The OWNER shall pay the CONSULTANT a NOT TO EXCEED amount of \$700.00 for the completion of the Final Phase. This amount includes all labor, material, overhead and profit associated with the Scope of Services.
- 1.4 Bidding Phase Payment: The OWNER shall pay the CONSULTANT a NOT TO EXCEED amount of \$1,500.00 for the completion of the Bidding Phase. This amount includes all labor, material, overhead and profit associated with the Scope of Services.
- 1.5 Fabrication Services Phase Payment (OPTIONAL): This amount is a not to exceed amount of \$3,250.00 depending on the location of the selected fabricator. This amount includes all labor, material, overhead and profit associated with the Scope of Services.
- 1.6 Construction Services Phase Payment: The OWNER shall pay the CONSULTANT a NOT TO EXCEED amount of \$6,050.00 for the completion of the Construction Phase. This amount includes all labor, material, overhead and profit associated with the Scope of Services. The OWNER may negotiate professional services fee with the CONSULTANT at the OWNER'S discretion.
- 1.7 Project Closeout Phase Payment: The OWNER shall pay the CONSULTANT a NOT TO EXCEED amount of \$450.00 for the completion of the Project Closeout Phase. This amount includes all labor, material, overhead, and profit associated with the Scope of Services.

2.0 ADDITIONAL SERVICES BASED ON TIME

The hourly rates set forth below include all salaries, benefits, overhead and other indirect costs including federal, state, and local taxes, plus profit and effective as of January 1st, 2018:

Professional Services

Director	\$196.25
Principal	\$161.75
Senior Project Engineer	\$146.00
Senior Engineer	\$131.00
Project Engineer	\$111.25
Technician/ CAD Designer/ Technical Writer	\$81.25
Clerical/Administrative	\$66.50
Mileage	\$0.60 per mile

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 revised annually, unless mutually agreed upon by both parties.

**ATTACHMENT E
TO
AGREEMENT FOR PROFESSIONAL CONSULTING SERVICES
BETWEEN
BROKEN ARROW MUNICIPAL AUTHORITY (OWNER)
AND
ECCI (CONSULTANT)
FOR
WATER TREATMENT PLANT CAUSTIC CIP TANK REPLACEMENT,
PROJECT NUMBER 185436**

PROJECT SCHEDULE

The following schedule shall be made a part of the AGREEMENT dated the 2nd day of January, 2018.

1.0 PRELIMINARY DESIGN PHASE:

- 1.1 Notice to Proceed:
- 1.2 Prepare Preliminary Plans:
- 1.4 Submit Preliminary Bidding Plans and Specifications: 23 calendar days after NTP.
- 1.5 Owner Review:

2.0 FINAL DESIGN PHASE:

- 2.1 Notice to Proceed:
- 2.2 Submit bid documents: 7 days after NTP

4.0 BIDDING PHASE:

- 4.1 Notice to Proceed:
- 4.2 Open Bids to Approved Contractors:
- 4.3 Prepare Technical Bid Tabulation:
- 4.4 Recommendation for Award:

5.0 FABRICATION OVERSIGHT PHASE: (OPTIONAL)

- 5.1 Notice to Proceed:
- 5.2 Attend fabrication inspection:

6.0 CONSTRUCTION OVERSIGHT PHASE: (IF REQUIRED)

- 5.1 Review contractor submittals and design calculations:
- 5.3 Conduct Fabrication Inspection:
- 5.4 Respond to Construction Contract Administrator requests, including site visits during construction:
- 5.5 Attend final walk-through inspection:

7.0 PROJECT CLOSE OUT PHASE: (IF REQUIRED)

- 7.1 Submit Record Drawings