#### PROFESSIONAL SERVICES AGREEMENT FOR PRELIMINARY ENGINEERING DESIGN WASTEWATER TREATMENT PLANT EXPANSION

STATE OF TEXAS	§
	§
COUNTY OF TRAVIS	§

This Agreement is entered into by and between the City of Pflugerville, a Texas Municipal Corporation ("City"), acting by and through its City Manager, and Freese and Nichols, Inc. ("Consultant"), both of which may be referred to herein singularly as "Party" or collectively as the "Parties."

The Parties hereto severally and collectively agree, and by the execution hereof are bound, to the mutual obligations herein contained and to the performance and accomplishment of the tasks hereinafter described.

#### I. DEFINITIONS

As used in this Agreement, the following terms shall have meanings as set out below:

"City" is defined in the preamble of this Agreement and includes its successors and assigns.

"Consultant" is defined in the preamble of this Agreement and includes its successors.

"City Manager" shall mean the City Manager and/or his designee.

#### II. TERM

- 2.1 Unless sooner terminated in accordance with the provisions of this Agreement, the term of this Agreement shall commence on the date of this agreement and terminate on December 30, 2017.
- 2.2 If funding for the entire Agreement is not appropriated at the time this Agreement is entered into, City retains the right to terminate this Agreement at the expiration of each of City's budget periods, and any subsequent contract period is subject to and contingent upon such appropriation.

#### III. SCOPE OF SERVICES

Consultant agrees to provide the services described in this Article III entitled Scope of Services in exchange for the compensation described in Article IV. Compensation. Scope of Services are detailed in Exhibit 1 which are incorporated by reference as if written and copied herein.

All work performed by Consultant hereunder shall be performed to the satisfaction of the City Manager. The determination made by City Manager shall be final, binding and conclusive on all Parties hereto. City shall be under no obligation to pay for any work performed by

Consultant, which is not satisfactory to City Manager. City shall have the right to terminate this Agreement, in accordance with Article VII. Termination, in whole or in part, should Consultant's work not be satisfactory to City Manager; however, City shall have no obligation to terminate and may withhold payment for any unsatisfactory work, as stated herein, even should City elect not to terminate.

#### IV. COMPENSATION TO CONSULTANT

- 4.1 In consideration of Consultant's performance in a satisfactory and efficient manner, as determined solely by City Manager, of all services and activities set forth in this Agreement, City agrees to pay Consultant a lump sum amount of *Three Hundred Seventy-Five Thousand Eight Hundred Six dollars* (\$375,806.00) as total compensation, to be paid to Consultant as further detailed in Exhibit 1.
- 4.2 No additional fees or expenses of Consultant shall be charged by Consultant nor be payable by City. The parties hereby agree that all compensable expenses of Consultant have been provided for in the total payment to Consultant as specified in section 4.1 above. Total payments to Consultant cannot exceed that amount set forth in section 4.1 above, without prior approval and agreement of all parties, evidenced in writing and approved by the Pflugerville City Council by passage of an ordinance therefore.
- 4.3 Final acceptance of work products and services require written approval by City. The approval official shall be the City Manager. Payment will be made to Consultant following written approval of the final work products and services by the City Manager. City shall not be obligated or liable under this Agreement to any party, other than Consultant, for the payment of any monies or the provision of any goods or services.

#### V. OWNERSHIP OF DOCUMENTS

- 5.1 Any and all writings, documents or information in whatsoever form and character produced by Consultant pursuant to the provisions of this Agreement is the exclusive property of City; and no such writing, document or information shall be the subject of any copyright or proprietary claim by Consultant.
- 5.2 Consultant understands and acknowledges that as the exclusive owner of any and all such writings, documents and information, City has the right to use all such writings, documents and information as City desires, without restriction. Any use of such writings, documents and information on extensions of this project or on any other project without specific adaptation by CONSULTANT shall be at the City's sole risk and without liability to the CONSULTANT.

#### VI. RECORDS RETENTION

6.1 Consultant and its subcontractors, if any, shall properly, accurately and completely maintain all documents, papers, and records, and other evidence pertaining to the services rendered hereunder (hereafter referred to as "documents"), and shall make such materials available to the City at their respective offices, at all reasonable times and as often as City may deem necessary during the Agreement period, including any extension or renewal hereof, and the record retention period established herein, for purposes of audit, inspection, examination, and making excerpts or copies of same by City and any of its authorized representatives.

- 6.2 Consultant shall retain any and all documents produced as a result of services provided hereunder for a period of four (4) years (hereafter referred to as "retention period") from the date of termination of the Agreement. If, at the end of the retention period, there is litigation or other questions arising from, involving or concerning this documentation or the services provided hereunder, Consultant shall retain the records until the resolution of such litigation or other such questions. Consultant acknowledges and agrees that City shall have access to any and all such documents at any and all times, as deemed necessary by City, during said retention period. City may, at its election, require Consultant to return said documents to City prior to or at the conclusion of said retention.
- 6.3 Consultant shall notify City, immediately, in the event Consultant receives any requests for information from a third party, which pertain to the documentation and records referenced herein. Consultant understands and agrees that City will process and handle all such requests.

#### VII. TERMINATION

- 7.1 For purposes of this Agreement, "termination" of this Agreement shall mean termination by expiration of the Agreement term as stated in Article II. Term, or earlier termination pursuant to any of the provisions hereof.
- 7.2 Termination Without Cause. This Agreement may be terminated by either Party upon 15 calendar days written notice, which notice shall be provided in accordance with Article VIII. Notice.
- 7.3 Termination For Cause. Upon written notice, which notice shall be provided in accordance with Article VIII. Notice, City may terminate this Agreement as of the date provided in the notice, in whole or in part, upon the occurrence of one (1) or more of the following events, each of which shall constitute an Event for Cause under this Agreement:
  - 7.3.1 The sale, transfer, pledge, conveyance or assignment of this Agreement without prior approval, as provided in Article XII. Assignment and Subcontracting.
- 7.4 Defaults With Opportunity for Cure. Should Consultant default in the performance of this Agreement in a manner stated in this section 7.4 below, same shall be considered an event of default. City shall deliver written notice of said default specifying such matter(s) in default. Consultant shall have fifteen (15) calendar days after receipt of the written notice, in accordance with Article VIII. Notice, to cure such default. If Consultant fails to cure the default within such fifteen-day cure period, City shall have the right, without further notice, to terminate this Agreement in whole or in part as City deems appropriate, and to contract with another consultant to complete the work required in this Agreement. City shall also have the right to offset the cost of said new Agreement with a new consultant against Consultant's future or unpaid invoice(s), subject to the duty on the part of City to mitigate its losses to the extent required by law.
  - 7.4.1 Bankruptcy or selling substantially all of company's assets
  - 7.4.2 Failing to perform or failing to comply with any covenant herein required
  - 7.4.3 Performing unsatisfactorily

- 7.5 Termination By Law. If any state or federal law or regulation is enacted or promulgated which prohibits the performance of any of the duties herein, or, if any law is interpreted to prohibit such performance, this Agreement shall automatically terminate as of the effective date of such prohibition.
- 7.6 Regardless of how this Agreement is terminated, Consultant shall affect an orderly transfer to City or to such person(s) or firm(s) as the City may designate, at no additional cost to City, all completed or partially completed documents, papers, records, charts, reports, and any other materials or information produced as a result of or pertaining to the services rendered by Consultant, or provided to Consultant, hereunder, regardless of storage medium, if so requested by City, or shall otherwise be retained by Consultant in accordance with Article VI. Records Retention. Any record transfer shall be completed within thirty (30) calendar days of a written request by City and shall be completed at Consultant's sole cost and expense. Payment of compensation due or to become due to Consultant is conditioned upon delivery of all such documents, if requested.
- 7.7 Within forty-five (45) calendar days of the effective date of completion, or termination or expiration of this Agreement, Consultant shall submit to City its claims, in detail, for the monies owed by City for services performed under this Agreement through the effective date of termination. Failure by Consultant to submit its claims within said forty-five (45) calendar days shall negate any liability on the part of City and constitute a **Waiver** by Consultant of any and all right or claims to collect monies that Consultant may rightfully be otherwise entitled to for services performed pursuant to this Agreement.
- 7.8 Upon the effective date of expiration or termination of this Agreement, Consultant shall cease all operations of work being performed by Consultant or any of its subcontractors pursuant to this Agreement.
- 7.9 Termination not sole remedy. In no event shall City's action of terminating this Agreement, whether for cause or otherwise, be deemed an election of City's remedies, nor shall such termination limit, in any way, at law or at equity, City's right to seek damages from or otherwise pursue Consultant for any default hereunder or other action.

#### VIII. NOTICE

Except where the terms of this Agreement expressly provide otherwise, any election, notice or communication required or permitted to be given under this Agreement shall be in writing and deemed to have been duly given if and when delivered personally (with receipt acknowledged), or three (3) days after depositing same in the U.S. mail, first class, with proper postage prepaid, or upon receipt if sending the same by certified mail, return receipt requested, or upon receipt when sent by a commercial courier service (such as Federal Express or DHL Worldwide Express) for expedited delivery to be confirmed in writing by such courier, at the addresses set forth below or to such other address as either Party may from time to time designate in writing.

If intended for City, to: City of Pflugerville

Attn: Tom Word Assistant City Manager

P.O. Box 589

Pflugerville, Texas 78660

If intended for Consultant, to: Freese and Nichols, Inc.

Attn: Kendall King, P.E.

Vice President

10431 Morado Circle, Ste 300

Austin, TX 78759

#### IX. INSURANCE

- 9.1 Prior to the commencement of any work under this Agreement, Consultant shall furnish copies of all required endorsements and an original completed Certificate(s) of Insurance to the City, which shall be clearly labeled "Preliminary Design for Wastewater Treatment Plant Expansion" in the Description of Operations block of the Certificate. The original Certificate(s) shall be completed by an agent and signed by a person authorized by that insurer to bind coverage on its behalf. The City will not accept Memorandum of Insurance or Binders as proof of insurance. The original certificate(s) or form must have the agent's original signature, including the signer's company affiliation, title and phone number, and be mailed, with copies of all applicable endorsements, directly from the insurer's authorized representative to the City. The City shall have no duty to pay or perform under this Agreement until such certificate and endorsements have been received and approved by the City. No officer or employee, other than the City Attorney, shall have authority to waive this requirement.
- 9.2 The City reserves the right to review the insurance requirements of this Article during the effective period of this Agreement and any extension or renewal hereof and to modify insurance coverages and their limits when deemed necessary and prudent by City Attorney based upon changes in statutory law, court decisions, or circumstances surrounding this Agreement. In no instance will City allow modification whereupon City may incur increased risk.
- 9.3 A Consultant's financial integrity is of interest to the City; therefore, subject to Consultant's right to maintain reasonable deductibles in such amounts as are approved by the City, Consultant shall obtain and maintain in full force and effect for the duration of this Agreement, and any extension hereof, at Consultant's sole expense, insurance coverage written on an occurrence basis, by companies authorized and admitted to do business in the State of Texas and with an A.M Best's rating of no less than A- (VII), in the following types and for an amount not less than the amount listed below:

#### **Insurance Requirements**

Consultant performing work on City property or public right-of-way for the City of Pflugerville shall provide the City a certificate of insurance evidencing the coverage provisions identified herein. Consultant shall provide the City evidence that all subcontractors performing work on the project have the same types and amounts of coverage as required herein or that the subcontractors are included under the contractor's policy. The City, at its own discretion, may require a certified copy of the policy.

All insurance companies and coverage must be authorized by the Texas Department of Insurance to transact business in the State of Texas and must be acceptable to the City of Pflugerville.

Listed below are the types and amounts of insurance required. The City reserves the right to amend or require additional types and amounts of coverage or provisions depending on the nature of the work.

Type of Insurance	<b>Amount of Insurance</b>	Provisions
Commercial General	1,000,000 per occurrence,	City to be listed as
(Public) Liability to include	2,000,000 general aggregate	additional insured and
coverage for: Premises/Operations	Or	provide 30 days notice of cancellation or material change in coverage
Products/ Completed	2,000,000 combined single	5 6
Operations	coverage limit	City to be provided a waiver of subrogation
Independent Contractors		City prefers that insurer be
Personal Injury		rated B+V1 or higher by A.M. Best or A or higher by
Contractual Liability		Standard & Poors
Business Auto Liability	1,000,000 combined single limit	City to be provided a waiver of subrogation
Workers' Compensation &	Statutory Limits	City to be provided a
Employers Liability	1,000,000 each accident	waiver of subrogation
Professional Liability	1,000,000	

Questions regarding this insurance should be directed to the City of Pflugerville (512) 990-6100 A contract will not be issued without evidence of Insurance. We will only accept the ACORD 25 or ISO certificate of insurance forms.

9.4 The City shall be entitled, upon request and without expense, to receive copies of the policies, declaration page and all endorsements thereto as they apply to the limits required by the City, and may require the deletion, revision, or modification of particular policy terms, conditions, limitations or exclusions (except where policy provisions are established by law or regulation binding upon either of the Parties hereto or the underwriter of any such policies). Consultant shall be required to comply with any such requests and shall submit a copy of the replacement certificate of insurance to City at the address provided below within 10 days of the requested change. Consultant shall pay any costs incurred resulting from said changes.

City of Pflugerville Capital Improvement Program P.O. Box 589 Pflugerville, Texas 78691-0589

- 9.5 Consultant agrees that with respect to the above required insurance, all insurance policies are to contain or be endorsed to contain the following provisions:
  - Name the City, its officers, officials, employees, volunteers, and elected representatives as additional insured by endorsement under terms satisfactory to the City, as respects operations and activities of, or on behalf of, the named insured performed under contract with the City, with the exception of the workers' compensation and professional liability policies;
  - Provide for an endorsement that the "other insurance" clause shall not apply to the City of Pflugerville where the City is an additional insured shown on the policy;
  - Workers' compensation and employers' liability policies will provide a waiver of subrogation in favor of the City.
  - Provide thirty (30) calendar days advance written notice directly to City of any suspension, cancellation, non-renewal or material change in coverage, and not less than ten (10) calendar days advance notice for nonpayment of premium.
- 9.6 Within five (5) calendar days of a suspension, cancellation or non-renewal of coverage, Consultant shall provide a replacement Certificate of Insurance and applicable endorsements to City. City shall have the option to suspend Consultant's performance should there be a lapse in coverage at any time during this Agreement. Failure to provide and to maintain the required insurance shall constitute a material breach of this Agreement.
- 9.7 In addition to any other remedies the City may have upon Consultant's failure to provide and maintain any insurance or policy endorsements to the extent and within the time herein required, the City shall have the right to order Consultant to stop work hereunder, and/or withhold any payment(s) which become due to Consultant hereunder until Consultant demonstrates compliance with the requirements hereof.
- 9.8 Nothing herein contained shall be construed as limiting in any way the extent to which Consultant may be held responsible for payments of damages to persons or property resulting from Consultant's or its subcontractors' performance of the work covered under this Agreement.

- 9.9 It is agreed that, excepting Professional Liability, Consultant's insurance shall be deemed primary and non-contributory with respect to any insurance or self insurance carried by the City of Pflugerville for liability arising out of operations under this Agreement.
- 9.10 It is understood and agreed that the insurance required is in addition to and separate from any other obligation contained in this Agreement.
- 9.11 Consultant and any of its Subcontractors are responsible for all damage to their own equipment and/or property.

#### X. INDEMNIFICATION

- 10.1 CONSULTANT covenants and agrees to **INDEMNIFY** and **HOLD** HARMLESS, the CITY and the elected officials, employees, officers, directors, volunteers and representatives of the CITY, individually and collectively, from and against any and all costs, claims, liens, damages, losses, expenses, fees, fines, penalties, proceedings, actions, demands, causes of action, or liability for damages caused by or resulting from an act of negligence, intentional tort, intellectual property infringement, or failure to pay a subcontractor or supplier committed by the CONSULTANT's agent, CONSULTANT under contract, or another entity over which the CONSULTANT exercises control. Such acts may include personal or bodily injury, death and property damage, made upon the CITY directly or indirectly arising out of, resulting from or related to CONSULTANT'S activities under this Agreement, including any negligent or intentional acts or omissions of CONSULTANT, any agent, officer, director, representative, employee, consultant or subcontractor of CONSULTANT, and their respective officers, agents employees, directors and representatives while in the exercise of the rights or performance of the duties under this Agreement. The indemnity provided for in this paragraph shall not apply to any liability resulting from the negligence of CITY, its elected officials, employees, officers, directors, volunteers and representatives, in instances where such negligence causes personal injury, death, or property damage. In no event shall the indemnification obligation extend beyond the date with when the institution of legal or equitable proceedings for the professional negligence would be barred by any applicable statute of repose or statute of limitations.
- 10.2 The provisions of this INDEMNITY are solely for the benefit of the Parties hereto and not intended to create or grant any rights, contractual or otherwise, to any other person or entity. CONSULTANT shall advise the CITY in writing within 24 hours of any claim or demand against the CITY or CONSULTANT known to CONSULTANT related to or arising out of CONSULTANT's activities under this AGREEMENT.
- 10.3 Duty to Defend Consultant covenants and agrees to hold a DUTY TO DEFEND the CITY and the elected officials, employees, officers, directors, volunteers and representatives of the CITY, individually and collectively, from and against any and all claims, liens, proceedings, actions or causes of action, other than claims based wholly or partly on the negligence of, fault of, or breach of contract by the CITY, the CITY'S agent, the CITY'S employee or other entity, excluding the CONSULTANT or the CONSULTANT'S agent, employee or sub-consultant, over which the CITY exercises control. CONSULTANT is required under this provision and fully satisfies this provision

by naming the CITY and those representatives listed above as additional insured under the CONSULTANT'S general liability insurance policy and providing any defense provided by the policy upon demand by CITY.

## 10.4 CONSULTANT is required to perform services to the City under the standard of care provided for in Texas Local Government Code § 271.904 (d)(1-2).

- 10.5 Employee Litigation In any and all claims against any Party indemnified hereunder by any employee of CONSULTANT, any subcontractor, anyone directly or indirectly employed by any of them or anyone for whose acts any of them may be liable, the indemnification obligation herein provided shall not be limited in any way by any limitation on the amount or type of damages, compensation or benefits payable by or for CONSULTANT or any subcontractor under worker's compensation or other employee benefit acts.
- 10.6 Force Majure City agrees that the CONSULTANT is not responsible for damages arising from any circumstances such as strikes or other labor disputes; severe weather disruptions, natural disasters, fire or other acts of God; riots, war or other emergencies; or failure of any third party governmental agency to act in timely manner not caused or contributed to by CONSULTANT.

#### XI. ASSIGNMENT AND SUBCONTRACTING

- 11.1 Consultant shall supply qualified personnel as may be necessary to complete the work to be performed under this Agreement. Persons retained to perform work pursuant to this Agreement shall be the employees or subcontractors of Consultant. Consultant, its employees or its subcontractors shall perform all necessary work.
- 11.2 It is City's understanding and this Agreement is made in reliance thereon, that Consultant intends to use the following subcontractors in the performance of this Agreement:

#### Land Surveyor – Walker Partners, Inc.

Any deviation from this subcontractor list, whether in the form of deletions, additions or substitutions shall be approved by City of Pflugerville City Council ("City Council"), as evidenced by passage of an ordinance, prior to the provision of any services by said subcontractor.

- 11.3 Any work or services approved for subcontracting hereunder shall be subcontracted only by written contract and, unless specific waiver is granted in writing by the City, shall be subject by its terms to each and every provision of this Agreement. Compliance by subcontractors with this Agreement shall be the responsibility of Consultant. City shall in no event be obligated to any third party, including any subcontractor of Consultant, for performance of services or payment of fees. Any references in this Agreement to an assignee, transferee, or subcontractor, indicate only such an entity as has been approved by the City Council.
- 11.4 Except as otherwise stated herein, Consultant may not sell, assign, pledge, transfer or convey any interest in this Agreement, nor delegate the performance of any duties hereunder, by transfer, by subcontracting or any other means, without the consent of the City Council, as evidenced by passage of an ordinance. As a condition of such consent, if such consent is granted, Consultant shall remain liable for completion of the services outlined in this Agreement in the event of default by the successor Consultant, assignee, transferee or subcontractor.

11.5 Any attempt to transfer, pledge or otherwise assign this Agreement without said written approval, shall be void ab initio and shall confer no rights upon any third person. Should Consultant assign, transfer, convey, delegate, or otherwise dispose of any part of all or any part of its right, title or interest in this Agreement, City may, at its option, cancel this Agreement and all rights, titles and interest of Consultant shall thereupon cease and terminate, in accordance with Article VII. Termination, notwithstanding any other remedy available to City under this Agreement. The violation of this provision by Consultant shall in no event release Consultant from any obligation under the terms of this Agreement, nor shall it relieve or release Consultant from the payment of any damages to City, which City sustains as a result of such violation.

#### XII. INDEPENDENT CONTRACTOR

Consultant covenants and agrees that he or she is an independent contractor and not an officer, agent, servant or employee of City; that Consultant shall have exclusive control of and exclusive right to control the details of the work performed hereunder and all persons performing same, and shall be responsible for the acts and omissions of its officers, agents, employees, contractors, subcontractors and consultants; that the doctrine of respondent superior shall not apply as between City and Consultant, its officers, agents, employees, contractors, subcontractors and consultants, and nothing herein shall be construed as creating the relationship of employer-employee, principal-agent, partners or joint venturers between City and Consultant. The Parties hereto understand and agree that the City shall not be liable for any claims which may be asserted by any third party occurring in connection with the services to be performed by the Consultant under this Agreement and that the Consultant has no authority to bind the City.

#### XIII. CONFLICT OF INTEREST

- 13.1 Consultant acknowledges that it is informed that the Charter of the City of Pflugerville and its Ethics Code prohibit a City officer or employee, as those terms are defined in Section 11.06 of the Ethics Code, from having a financial interest in any contract with the City or any City agency such as city owned utilities. An officer or employee has a "prohibited financial interest" in a contract with the City or in the sale to the City of land, materials, supplies or service, if any of the following individual(s) or entities is a Party to the contract or sale: a City officer or employee; his parent, child or spouse; a business entity in which the officer or employee, or his parent, child or spouse owns ten (10) percent or more of the voting stock or shares of the business entity, or ten (10) percent or more of the fair market value of the business entity; a business entity in which any individual or entity above listed is a subcontractor on a City contract, a partner or a parent or subsidiary business entity.
- 13.2 Pursuant to the subsection above, Consultant warrants and certifies, and this Agreement is made in reliance thereon, that it, its officers, employees and agents are neither officers nor employees of the City. Consultant further warrants and certifies that it has tendered to the City a Discretionary Contracts Disclosure Statement in compliance with the City's Ethics Code.

#### XIV. AMENDMENTS

Except where the terms of this Agreement expressly provide otherwise, any alterations, additions, or deletions to the terms hereof, shall be effected by amendment, in writing, executed by both City and Consultant, and subject to approval by the City Council, as evidenced by passage of an ordinance.

#### XV. SEVERABILITY

If any clause or provision of this Agreement is held invalid, illegal or unenforceable under present or future federal, state or local laws, including but not limited to the City Charter, City Code, or ordinances of the City of Pflugerville, Texas, then and in that event it is the intention of the Parties hereto that such invalidity, illegality or unenforceability shall not affect any other clause or provision hereof and that the remainder of this Agreement shall be construed as if such invalid, illegal or unenforceable clause or provision was never contained herein; it is also the intention of the Parties hereto that in lieu of each clause or provision of this Agreement that is invalid, illegal, or unenforceable, there be added as a part of the Agreement a clause or provision as similar in terms to such invalid, illegal or unenforceable clause or provision as may be possible, legal, valid and enforceable.

#### XVI. LICENSES/CERTIFICATIONS

Consultant warrants and certifies that Consultant and any other person designated to provide services hereunder has the requisite training, license and/or certification to provide said services, and meets all competence standards promulgated by all other authoritative bodies, as applicable to the services provided herein.

#### XVII. COMPLIANCE

Consultant shall provide and perform all services required under this Agreement in compliance with all applicable federal, state and local laws, rules and regulations.

#### XVIII. NONWAIVER OF PERFORMANCE

Unless otherwise specifically provided for in this Agreement, a waiver by either Party of a breach of any of the terms, conditions, covenants or guarantees of this Agreement shall not be construed or held to be a waiver of any succeeding or preceding breach of the same or any other term, condition, covenant or guarantee herein contained. Further, any failure of either Party to insist in any one or more cases upon the strict performance of any of the covenants of this Agreement, or to exercise any option herein contained, shall in no event be construed as a waiver or relinquishment for the future of such covenant or option. In fact, no waiver, change, modification or discharge by either Party hereto of any provision of this Agreement shall be deemed to have been made or shall be effective unless expressed in writing and signed by the Party to be charged. In case of City, such changes must be approved by the City Council, as described in Article XVI. Amendments. No act or omission by a Party shall in any manner impair or prejudice any right, power, privilege, or remedy available to that Party hereunder or by law or in equity, such rights, powers, privileges, or remedies to be always specifically preserved hereby.

#### XIX. LAW APPLICABLE

- 19.1 THIS AGREEMENT SHALL BE CONSTRUED UNDER AND IN ACCORDANCE WITH THE LAWS OF THE STATE OF TEXAS AND ALL OBLIGATIONS OF THE PARTIES CREATED HEREUNDER ARE PERFORMABLE IN TRAVIS COUNTY, TEXAS.
- 19.2 Any legal action or proceeding brought or maintained, directly or indirectly, as a result of this Agreement shall be heard and determined in the City of Pflugerville, Travis County, Texas.

#### XX. LEGAL AUTHORITY

The signer of this Agreement for Consultant represents, warrants, assures and guarantees that he has full legal authority to execute this Agreement on behalf of Consultant and to bind Consultant to all of the terms, conditions, provisions and obligations herein contained.

#### XXI. PARTIES BOUND

This Agreement shall be binding on and inure to the benefit of the Parties hereto and their respective heirs, executors, administrators, legal representatives, and successors and assigns, except as otherwise expressly provided for herein.

#### XXII. CAPTIONS

The captions contained in this Agreement are for convenience of reference only, and in no way limit or enlarge the terms and/or conditions of this Agreement.

#### XXIII. INCORPORATION OF EXHIBITS

Each of the Exhibits listed below is an essential part of the Agreement, which governs the rights and duties of the Parties, and shall be interpreted in the order of priority as appears below:

Attachment "A" Scope of Services including Project Description/Scope of Services; Fee Summary for Professional Services and Proposed Project Schedule

#### XXIV. ENTIRE AGREEMENT

This Agreement, together with its authorizing ordinance and its exhibits, if any, constitute the final and entire agreement between the Parties hereto and contain all of the terms and conditions agreed upon. No other agreements, oral or otherwise, regarding the subject matter of this Agreement shall be deemed to exist or to bind the Parties hereto, unless same be in writing, dated subsequent to the date hereto, and duly executed by the Parties, in accordance with Article XIV. Amendments.

#### XXV. MISCELLANEOUS CITY CODE PROVISIONS

- 25.1 **Representations and Warranties by Consultant.** If Consultant is a corporation, partnership or a limited liability company, Consultant warrants, represents, covenants, and agrees that it is duly organized, validly existing and in good standing under the laws of the state of its incorporation or organization and is duly authorized and in good standing to conduct business in the State of Texas.
- 25.2 **Franchise Tax Certification.** A corporate or limited liability company Consultant certifies that it is not currently delinquent in the payment of any Franchise Taxes due under Chapter 171 of the *Texas Tax Code*, or that the corporation or limited liability company is exempt from the payment of such taxes, or that the corporation or limited liability company is an out-of-state corporation or limited liability company that is not subject to the Texas Franchise Tax, whichever is applicable.
- 25.3 Eligibility Certification. Consultant certifies that the individual or business entity named in the Agreement is not ineligible to receive payments under the Agreement and acknowledges that the Agreement may be terminated and payment withheld if this certification is inaccurate.
- 25.4 Payment of Debt or Delinquency to the State or Political Subdivision of the State. Pursuant to Chapter 38, *City of Pflugerville Code of Ordinances*, Consultant agrees that any payments owing to Consultant under the Agreement may be applied directly toward any debt or delinquency that Consultant owes the City of Pflugerville, State of Texas or any political subdivision of the State of Texas regardless of when it arises, until such debt or delinquency is paid in full.
- 25.5 **Texas Family Code Child Support Certification.** Consultant certifies that they are not delinquent in child support obligations and therefore is not ineligible to receive payments under the Agreement and acknowledges that the Agreement may be terminated and payment may be withheld if this certification is inaccurate.

**EXECUTED** and **AGREED** to as of the dates indicated below.

## CITY OF PFLUGERVILLE

### Freese and Nichols, Inc.

		frul	fing
()	Signature)		(Signatyre)
Printed Name:	Brandon E. Wade	Printed Name:	Kendall King, P.E.
Title:	City Manager	Title:	Vice President
Date:		Date:	3/23/2017
APPROVED AS	TO FORM:		
George Hyde		<del>_</del>	
City Attorney			

DENTON NAVARRO ROCHA BERNAL HYDE & ZECH, P.C.

# EXHIBIT 1 SCOPE OF WORK Central Wastewater Treatment Plant Expansion to 9.0 MGD

#### GENERAL DESCRIPTION OF PROJECT AND SERVICES

Wastewater flow to the City of Pflugerville's Central Wastewater Treatment Plant (WWTP) has exceeded 75% capacity of the permitted capacity and the growth trend indicates the plant could exceed 90% capacity as early as 2020. In addition to the flow increases at the plant, recent observations and discussions with the operations staff have identified several high priority improvements that are needed to maintain plant capacity and permit compliance during the period of time while the plant expansion project is ongoing.

The City is planning to expand their wastewater plant from 5.3 MGD to 9.0 MGD to meet these projected needs. The City is in the process of preparing to submit a TPDES Major Permit Amendment and it is anticipated the plant expansion must be designed to meet 5/5/2/1 (mg/L for BOD, TSS, Ammonia and Phosphorous respectively).

In addition to the expansion and new permit requirements, the existing plant treatment processes are aging and the City is noting some critical issues associated with plant maintenance. A condition assessment is recommended as part of the Preliminary Design to identify high priority and medium priority improvements needed at the plant to maintain the service capability of existing facilities to be incorporated into the design of the expanded treatment facility.

The major plant components that will be included in the pre-design include the following major elements:

- A new headworks facility, including influent pump station, fine screening, and grit removal.
- New flow splitter box to split flow to existing and new liquids treatment trains.
- New aeration basins and blowers (or carrousel units), designed for nutrient removal for the new third treatment train.
- Additional liquids treatment basins to enable biological nutrient removal through the existing liquids treatment trains (carrousel units).
- New mixed liquor splitter box to split flow between existing and new clarifiers.
- Additional secondary clarifier for the third train.
- Expanded return and waste activated sludge pumps for the existing clarifiers and proposed clarifier.
- New effluent cloth filters.
- New disinfection system.
- Rehabilitation of the existing plant facilities to be incorporated into the plant expansion, including but not necessarily limited to: Carrousel units (2), clarifiers (2), chlorine contact basins, sludge dewatering, aerated sludge holding, cloth filters.
- Expanded sludge dewatering facilities.
- Non-potable water pump station.
- Associated electrical, controls and SCADA system improvements

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- Associated yard piping and hydraulic improvements
- Associated drainage, landscaping and paving improvements

This scope of work for this project is to conduct the preliminary design, regulatory coordination and TPDES permit coordination the upcoming plant expansion. It is anticipated that the plant expansion will need to be under construction by early 2018 to meet the anticipated compliance date for the TCEQ 90% rule. The permitting and regulatory coordination effort, along with the preliminary design and equipment selections, need to be complete by the end of September 2017 to keep the plant expansion on this anticipated compliance schedule.

#### ARTICLE I

**BASIC SERVICES AND SPECIAL SERVICES**: FNI shall render the following professional services in connection with the development of the Project:

#### A. Task A – Preliminary Design and Permitting Phase Services

- 1. Meet with City: (1) to review the scope of services, (2) to verify City's requirements for the Project, and (3) to review available data.
- 2. Perform general administrative duties associated with the project including progress monitoring, monthly progress reporting, scheduling, general correspondence, documentation, office administration and invoicing for the scope items identified below. Documentation shall be in accordance with TCEQ documentation requirements for the project. These duties include maintaining routine contact with the City to help meet the needs of the City in a timely manner, and executing the work in accordance with the work plan, budget and schedule.
- 3. Meetings and Site Visits:
  - a. Conduct monthly progress meetings, up to a maximum of six (6) meetings during the preliminary design phase.
  - b. Conduct up to three (3) additional site visits by the engineering team to the WWTP, for coordination on condition assessment and design aspects for completion of the project.
  - c. Conduct up to two (2) site visits to other treatment facilities (in Texas) with the City to look at installations of equipment and processes recommended for the new treatment units.
  - d. Conduct one (1) technology transfer workshop on technologies, equipment and process recommended for the new treatment plant.
- 4. Advise City as to the necessity of City's providing or obtaining data or services from others, and assist City regarding any such services.
- 5. Incorporate flow projection and influent loading conditions, condition and criticality assessments, and planning evaluations for the expanded WWTP identified in the Wastewater Master Plan (WWMP), and update data sets using the most recent influent flow and loading data for the plant.
- 6. Perform required TCEQ Chapter 217 process calculations to size the treatment units for recommended alternative from the WWMP. Document calculations and any proposed variances to TCEQ rules for regulatory approvals.
- 7. Develop the WWTP BioWin process model using the selected alternative for use in design optimization, process performance analysis and design criteria development under varying flow and load conditions.

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- 8. Develop Opinion of Probable Construction Cost (OPCC) for the selected plant design.
- 9. Develop a Preliminary Design Report (PDR) documenting the calculations, evaluations and alternative analysis. The PDR will clearly identify the selected alternative, selected process equipment, process flow and operations diagrams (P&OD), anticipated layouts and design sketches, cut sheets and equipment O&M information for the selected process alternatives. This will include up to 20% design level drawings, detailed design criteria development and outline specifications for the design phase. Provide five (5) copies of the draft PDR for City review. Incorporate City comments and provide five (5) copies of the final PDR to the City.
- 10. Assist the City in applying for a TPDES Major Permit Amendment for the WWTP.
  - a. Compile Existing Information and Meet with City. FNI will obtain the current TPDES permit application forms from the TCEQ. Where appropriate, we will use information, including pertinent maps and drawings, from the City's previous TPDES permit application to address questions in the current application. If necessary, we will meet with the City to review data, identify other information needed for the application, and take photographs and make general observations at the facility site. City shall provide to FNI previous application documents and relevant data.
  - b. Hold a pre-application meeting with TCEQ. FNI and City will meet with TCEQ in Austin to discuss the proposed expansion alternatives and anticipated limits.
  - c. Compile Effluent Analysis Results. FNI will coordinate with the City and its laboratory in obtaining laboratory analyses required for the permit application. We will provide to the City and its designated laboratory copies of tables from the current TCEQ application form for the laboratory to complete. We propose that the laboratory complete these tables to reduce the risk of transcription errors. Upon receipt, FNI will review the tables for consistency with TCEQ's required minimum analytical limits (MALs) and for reasonability of the results. City shall contract with the analytical laboratory as needed and provide the necessary data.
  - d. Prepare Permit Application and Transmittal Letter. FNI will prepare a draft permit application and provide up to three copies for the City's review. The application will include maps, engineering drawings, schematic diagrams, and other required figures. We will finalize the application based on the City's comments and deliver a final original application and three (3) copies for the City to transmit to the TCEQ. We will also provide up to three (3) copies of the final application for the City's and TWDB's files.
  - e. Application Delivery and Meeting with TCEQ. If necessary, FNI will meet with TCEQ staff in Austin to deliver the final application and to discuss the City's proposed expansion.
  - f. Follow-Up with TCEQ. We estimate that it may take up to 40 hours to address TCEQ comments after submitting the application, which includes a possible additional meeting with the TCEQ to discuss the proposed permit amendment. If we see that the effort would exceed this amount to secure a final TPDES permit, we will notify the City for written approval of a budget modification to proceed.
- 11. Obtain the services of a licensed Land Surveyor to perform pre-design topographic survey of the existing WWTP for the purposes of defining the location and elevation of existing facilities, extent and limits of the area(s) planned for construction of new treatment units, drainage patterns, and other information required for planning and preliminary design of the WWTP expansion. Additional survey may be required for final design of the WWTP expansion and will be performed as part of the final design phase.

- Task B: Final Design Phase (Scope of Work and Fee to be Negotiated Upon Completion of Preliminary Design Phase)
- Task C: Bid Phase Services (Scope of Work and Fee to be Negotiated Upon Completion of Preliminary Design Phase)
- Task D: Construction Phase Services (Scope of Work and Fee to be Negotiated Upon Completion of Preliminary Design Phase)

#### ARTICLE II

**ADDITIONAL SERVICES:** Additional Services to be performed by FNI, if authorized by City, which are not included in the above described basic services, are described as follows:

- A. Design, Bid, Construction or Post Construction/Startup Phase Services.
- B. Geotechnical evaluations and topographical survey services.
- C. Field layouts or the furnishing of construction line and grade surveys.
- D. GIS mapping services or assistance with these services.
- E. Making property, boundary and right-of-way surveys, preparation of easement and deed descriptions, including title search and examination of deed records.
- F. Providing services to investigate existing conditions or facilities, or to make measured drawings thereof, or to verify the accuracy of drawings or other information furnished by City.
- G. Providing renderings, model, and mock-ups requested by the City.
- H. Revising drawings, specifications or other documents when such revisions are 1) not consistent with approvals or instructions previously given by City or 2) due to other causes not solely within the control of FNI.
- I. Providing consultation concerning the replacement of any Work damaged by fire or other cause during the construction, and providing services as may be required regarding the replacement of such Work.
- J. Investigations involving consideration of operation, maintenance and overhead expenses, and the preparation of rate schedules, earnings and expense statements, feasibility studies, appraisals, evaluations, assessment schedules, and material audits or inventories required for certification of force account construction performed by City.
- K. Preparing applications and supporting documents for government grants, loans, or planning advances and providing data for detailed applications.
- L. Providing shop, mill, field or laboratory inspection of materials and equipment. Observe factory tests of equipment at any site remote to the project or observing tests required because of equipment failing the initial test.
- M. Conducting pilot plant studies or tests.

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- N. Preparing data and reports for assistance to City in preparation for hearings before regulatory agencies, courts, arbitration panels or any mediator, giving testimony, personally or by deposition, and preparations therefore before any regulatory agency, court, arbitration panel or mediator.
- O. Furnishing Special Inspections required under chapter 17 of the International Building Code. These Special Inspections are often continuous, requiring an inspector dedicated to inspection of the individual work item, and they are in additional to General Representation and Resident Representation services noted elsewhere in the contract. These continuous inspection services can be provided by FNI as an Additional Service.
- P. Assisting City in preparing for, or appearing at litigation, mediation, arbitration, dispute review boards, or other legal and/or administrative proceedings in the defense or prosecution of claims disputes with Contractor(s).
- Q. Performing investigations, studies and analyses of substitutions of equipment and/or materials or deviations from the drawings and specifications.
- R. Assisting City in the defense or prosecution of litigation in connection with or in addition to those services contemplated by this Agreement. Such services, if any, shall be furnished by FNI on a fee basis negotiated by the respective parties outside of and in addition to this Agreement.
- S. Providing environmental support services including the design and implementation of ecological baseline studies, environmental monitoring, impact assessment and analyses, permitting assistance (beyond the TPDES major amendment shown in Basic Services), and other assistance required to address environmental issues.
- T. Performing investigations, studies, and analysis of work proposed by construction contractors to correct defective work.
- U. Design, contract modifications, studies or analysis required to comply with local, State, Federal or other regulatory agencies that become effective after the date of this agreement.
- V. Services required to resolve bid protests or to rebid the projects for any reason.
- W. Visits to the site more than the number of trips included in Basic Services for periodic site visits, coordination meetings, or contract completion activities.
- X. Any services required because of default of the contractor(s) or the failure, for any reason, of the contractor(s) to complete the work within the contract time.
- Y. Providing services after the completion of the construction phase not specifically listed in Basic Services.
- Z. Providing basic or additional services on an accelerated time schedule. The scope of this service include cost for overtime wages of employees and consultants, inefficiencies in work sequence and plotting or reproduction costs directly attributable to an accelerated time schedule directed by the City.
- AA. Providing services made necessary because of unforeseen, concealed, or differing site conditions or due to the presence of hazardous substances in any form.
- BB. Providing services to review or evaluate construction contractor(s) claim(s), provided said claims are supported by causes not within the control of FNI.

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- CC. Providing value engineering studies or reviews of cost savings proposed by construction contractors after bids have been submitted.
- DD. Preparing statements for invoicing or other documentation for billing other than for the standard invoice for services attached to this professional services agreement.
- EE. Provide follow-up professional services during Contractor's warranty period.
- FF. Providing data, reports or briefings to City Council on the status of the project.

#### ARTICLE III

**TIME OF COMPLETION:** FNI is authorized to commence work on the Project upon execution of this AGREEMENT and agrees to complete the services in accordance with the following schedule:

Preliminary Design Report and TPDES Permit Application

6 months from NTP

If FNI's services are delayed through no fault of FNI, FNI shall be entitled to adjust contract schedule consistent with the number of days of delay. These delays may include but are not limited to delays in City or regulatory reviews, delays on the flow of information to be provided to FNI, governmental approvals, etc. These delays may result in an adjustment to compensation as outlined on the face of this AGREEMENT and in Attachment CO.

#### **ARTICLE IV**

**RESPONSIBILITIES OF CITY:** City shall perform the following in a timely manner so as not to delay the services of FNI:

- A. Designate in writing a person to act as City's representative with respect to the services to be rendered under this Agreement. Such person shall have contract authority to transmit instructions, receive information, interpret and define City's policies and decisions with respect to FNI's services for the Project.
- B. Provide all criteria and full information as to City's requirements for the Project, including design objectives and constraints, space, capacity and performance requirements, flexibility and expandability, and any budgetary limitations; and furnish copies of all design and construction standards which City will require to be included in the drawings and specifications.
- C. Assist FNI by placing at FNI's disposal all available information pertinent to the Project including previous reports and any other data relative to design or construction of the Project.
- D. Arrange for access to and make all provisions for FNI to enter upon public and private property as required for FNI to perform services under this Agreement.
- E. Examine all studies, reports, sketches, drawings, specifications, proposals and other documents presented by FNI, obtain advice of an attorney, insurance counselor and other consultants as City deems appropriate for such examination and render in writing decisions pertaining thereto within a reasonable time so as not to delay the services of FNI.

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- F. Furnish approvals and permits from all governmental authorities having jurisdiction over the Project and such approvals and consents from others as may be necessary for completion of the Project.
- G. Provide such accounting, independent cost estimating and insurance counseling services as may be required for the Project, such legal services as City may require or FNI may reasonably request with regard to legal issues pertaining to the Project including any that may be raised by Contractor(s), such auditing service as City may require to ascertain how or for what purpose any Contractor has used the moneys paid under the construction contract, and such inspection services as City may require to ascertain that Contractor(s) are complying with any law, rule, regulation, ordinance, code or order applicable to their furnishing and performing the work.
- H. Give prompt written notice to FNI whenever City observes or otherwise becomes aware of any development that affects the scope or timing of FNI's services.
- I. Furnish, or direct FNI to provide, Additional Services as stipulated in Attachment SC, Article II of this Agreement or other services as required.
- J. Bear all costs incident to compliance with the requirements of this Article IV.
- K. Assist Freese and Nichols by placing at Freese and Nichols' disposal all available information pertinent to the Project including previous reports and any other data relative to the Project. Information needed for the permit application includes, but is not necessarily limited to, the following items:
  - a. Tables of effluent analyses to be prepared by City's laboratory for all required parameters, including but not limited to the following:
    - i. Current effluent analysis laboratory reports for conventional parameters (nutrients, CBOD, dissolved oxygen, pH, bacteria, etc.);
    - ii. Current effluent analysis laboratory reports necessary to prepare tables for organic compounds, metals, cyanide and phenols, volatile compounds, acid compounds, base/neutral compounds, and pesticides. Analyses must comply with TCEQ requirements for minimum analytical limits (MALs), as prescribed in the application;
    - iii. Current toxicity testing laboratory reports for effluent;
    - iv. Copies of signed laboratory reports for the tests listed above;
  - b. Information on City's pollution prevention program/activities as necessary to prepare the TPDES application.
- L. City shall provide the TPDES application fee and submit the final application, copies, and the fee to TCEQ. City shall also provide for advertisement and notification of permit application, if required by the TCEQ.

#### **COMPENSATION**

Compensation to FNI for Basic Services in Exhibit 1 shall be the lump sum of Three Hundred Seventy Five Thousand Eight Hundred Six Dollars and No Cents (\$375,806). If FNI sees the Scope of Services changing so that Additional Services are needed, including but not limited to those services described as Additional Services in Exhibit 1, FNI will notify CITY for CITY's approval before proceeding. Additional Services shall be computed based on the Schedule of Charges.

#### **Schedule of Charges:**

<u>Position</u>	Rate
Professional - 1	113
Professional - 2	137
Professional - 3	156
Professional - 4	178
Professional - 5	209
Professional - 6	240
Construction Manager - 1	91
Construction Manager - 2	117
Construction Manager - 3	138
Construction Manager - 4	173
CAD Technician/Designer - 1	96
CAD Technician/Designer - 2	126
CAD Technician/Designer - 3	153
Corporate Project Support - 1	92
Corporate Project Support - 2	111
Corporate Project Support - 3	148
Intern/ Coop	57

<u>Rates 1</u>	ior II	<u>n-но</u>	use	<u>Serv</u>	<u>ices</u>
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Technology Charge	<b>Bulk Printing and Reproduction</b>		
\$8.50 per hour		B&W	<u>Color</u>
	Small Format (per copy)	\$0.10	\$0.25
<u>Travel</u>	Large Format (per sq. ft.)		
Standard IRS Rates	Bond	\$0.25	\$0.75
	Glossy / Mylar	\$0.75	\$1.25
	Vinyl / Adhesive	\$1.50	\$2.00
	Mounting (per sq. ft.)	\$2.00	
	Binding (per binding)	\$0.25	

#### **OTHER DIRECT EXPENSES:**

Other direct expenses are reimbursed at actual cost times a multiplier of 1.15. They include outside printing and reproduction expense, communication expense, travel, transportation and subsistence away from the FNI office and other miscellaneous expenses directly related to the work, including costs of laboratory analysis, test, and other work required to be done by independent persons other than staff members. For Resident Representative services performed by non-FNI employees and CAD services performed In-house by non-FNI employees where FNI provides workspace and equipment to perform such services, these services will be billed at cost times a multiplier of 2.0. This markup approximates the cost to FNI if an FNI employee was performing the same or similar services.

These rates are subject to annual adjustment. Last Updated February 2015. 2022015

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Freese and Nichols, Inc.

City of Pflugerville, TX							Project Fee Summary			
WWTP Expansion to 9.0 MGD - Preliminary Design and Permitting Phase						Basic		\$	375,806	
7-Mar-17						Specia	al	\$	_	
	Detailed Cost Breakdov	vn					Total I	Project	\$	375,806
Planning/Preliminary Design Phase			\$	-	\$	-	\$	-	\$	_
1	Project Kickoff Meeting	46	\$	8,776	\$	607	\$	-	\$	9,383
2	Project Management/Reporting/Documentation	108	\$	17,456	\$	918	\$	-	\$	18,374
3	Pre-Design Meetings and Workshops		\$	-	\$	-	\$	-	\$	-
3.1	Monthly Progress Meetings (6 for Pre-Design)	102	\$	19,544	\$	1,407	\$	-	\$	20,951
3.2	Project Team Site Visits (3 during Pre-Design)	80	\$	14,772	\$	1,220	\$	-	\$	15,992
3.3	Treatment Facility Site Visits (2 during Pre-Design)	72	\$	14,592	\$	3,452	\$	-	\$	18,044
3.4	Technology Transfer Workshops (1)	94	\$	17,032	\$	1,609	\$	-	\$	18,641
			\$	-	\$	2,840	\$	-	\$	2,840
4	Pre-Design Development and Report		\$	-	\$	-	\$	-	\$	_
4.1	Updated flow and load projections	50	\$	8,274	\$	425	\$	-	\$	8,699
4.2	Detailed process calculations and design	142	\$	24,412	\$	1,207	\$	-	\$	25,619
4.3	BioWin Process Model Update	104	\$	16,560	\$	884	\$	-	\$	17,444
4.4	Alternative Equipment Analysis and Selections	192	\$	31,444	\$	1,632	\$	-	\$	33,076
4.5	Detailed layouts, sketches and P&ID Drawings	318	\$	52,256	\$	2,703	\$	-	\$	54,959
4.7	Updated Opinion of Probable Construction Costs	88	\$	14,948	\$	748	\$	-	\$	15,696
4.8	Draft Design Report Development	168	\$	28,840	\$	1,428	\$	-	\$	30,268
4.9	Review meeting w/ City	24	\$	4,840	\$	204	\$	-	\$	5,044
4.10	Final Report Compilation	54	\$	9,172	\$	459	\$	-	\$	9,631
5	TPDES Permitting Assistance		\$	-	\$	-	\$	-	\$	-
5.1	Data Compilation	26	\$	4,576	\$	437	\$	-	\$	5,013
5.2	Hold Pre-Application Meeting with TCEQ	28	\$	5,712	\$	914	\$	-	\$	6,626
5.3	Compile Effluent Analysis Results	40	\$	6,608	\$	340	\$	-	\$	6,948
5.4	Prepare Permit Application and Transmittal Letter	68	\$	10,856	\$	578	\$	-	\$	11,434
5.5	Application Delivery Meeting with TCEQ	16	\$	3,168	\$	582	\$	-	\$	3,750
5.6	Follow up with TCEQ	22	\$	3,936	\$	1,583	\$	-	\$	5,519
6	Pre-Design Topo Survey	18	\$	2,952	\$	153	\$	28,750	\$	31,855
	Total Basic Services Hours		\$		\$		\$	-	\$	
	1,860	\$	320,726	\$	26,330	\$	28,750	\$	375,806	