

**PROFESSIONAL SERVICES  
SUPPLEMENTAL AGREEMENT # 03  
FOR  
SECONDARY COLORADO RIVER RAW WATER LINE**

**STATE OF TEXAS           §  
  §  
COUNTY OF TRAVIS       §**

This Supplemental Agreement No. 3 to a contract for Professional Services is made by and between the City of Pflugerville, Texas ("City") and Freese and Nichols, Inc. ("Consultant"). City and Consultant may be referred to herein singularly as "Party" or collectively as the "Parties."

WHEREAS, the City and Consultant executed an Agreement for Professional Services ("Agreement") on the 12<sup>th</sup> day of February, 2022 for the Secondary Colorado River Raw Water Line Project ("Project") in the amount of \$7,309,766.00; and

WHEREAS, the City and Consultant executed a Supplemental Agreement # 1 for Professional Services on the 10<sup>th</sup> day of April, 2023 for the Project in the amount of \$0.00, to add design services related to the Walnut Creek Bank Stabilization design; and

WHEREAS, the City and Consultant executed a Supplemental Agreement # 2 for Professional Services on the 13<sup>th</sup> day of July, 2023 for the Project in the amount of \$0.00, to add schedule overage project management tasks to the Agreement; and

WHEREAS, the City and Consultant desire to enter into a Supplemental Agreement # 3 for Professional Services for the Project in the amount of \$72,515.00, to add Construction Phase Services to the Agreement; and

WHEREAS, it has become necessary to amend the Agreement to modify the provisions for the Scope of Services, Fee and Schedule; and

NOW, THEREFORE, premises considered, the City and the Consultant agree that said Agreement is amended as follows:

1.

Article III. Scope of Services and Attachment 1, shall be amended as set forth in the attached Addendum to Attachment 1 (Item I. Basic Services and Item IV. Schedule).

Article IV. Compensation to Consultant and Attachment 1, shall be amended by increasing by \$72,515.00 the amount payable under the Agreement for a total of \$7,382,281.00, as shown by the attached Addendum to Attachment 1 (Item V. Fee Schedule).

2.

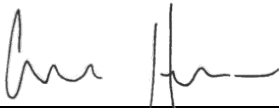
Except as amended hereby and as previously amended as indicated above, the terms of the Agreement shall remain unchanged and in full force and effect.

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

**CITY OF  
PFLUGERVILLE**

**CONSULTANT**

\_\_\_\_\_  
(Signature)

  
\_\_\_\_\_  
(Signature)

Printed Name: Sereniah Breland

Printed Name: Anne Hoskins

Title: City Manager

Title: Principal

Date: \_\_\_\_\_

Date: 08/23/2023

APPROVED AS TO FORM:

  
\_\_\_\_\_

Charles E. Zech  
City Attorney  
DENTON NAVARRO ROCHA BERNAL & ZECH, P.C.

**Secondary Colorado River Pump Station and Raw Water Line  
Construction Phase Services Scope of Work (Freese and Nichols, Inc.)  
Package 1 Only**

The City of Pflugerville (Owner) is working with STV, the Owner's Representative and Freese and Nichols (FNI) to provide construction phase services related to the Colorado River Secondary Raw Water Line Project (Project). The Project will include improvements to the Colorado River Intake Pump Station (Package 1 and Package 2) and approximately 78,000 linear feet (LF) of 42-inch water pipeline (Packages 3 and 4). This amendment covers only construction phase services effort associated with Package 1 which includes pre-purchase of long-lead pumps, motors and electrical components for the Project.

**ASSUMPTIONS:**

1. The construction phase of this project is estimated to begin in February of 2024 and is expected to be complete by August of 2025 (19 months). This is with the exception of the pump station equipment pre-purchase package (Package 1) which is to begin in April of 2023 and is expected to be complete by September of 2024.
2. JHE will provide and facilitate the overall Startup and Commissioning Plan for the Project.
3. STV will provide overall Construction Management and Administration Services including daily on-site inspection, administration of construction contract documentation and meeting facilitation to include agenda preparation and meeting minutes.

**BASIC SERVICES:**

1. Construction Coordination
  - 1.1. Review construction pay applications related to Package 1 and make recommendations for payment (3 pay applications)
2. Shop Drawing/Submittal Review
  - 2.1. Review shop drawings/submittals related to Package 1 for conformance with the project plans and specifications and provide responses within 10 working days. For the purposes of this scope, assume review effort will include the original submittal and 2 resubmittals.
    - 2.1.1. Package 1
      - 2.1.1.1. Attend one pre-submittal meeting for the Vertical Turbine Pump and Motor submittal.
      - 2.1.1.2. Attend one post-submittal meeting for the Vertical Turbine Pump and Motor submittal.
      - 2.1.1.3. One design professional to attend in-person witness testing for the Vertical Turbine Pump (assume 3 days total).
      - 2.1.1.4. For purposes of this scope, assume the following reviews:
        - 2.1.1.4.1. Process – Maximum 4 shop drawings, 1 RFI, and 6 O&M manuals.
        - 2.1.1.4.2. Electrical – Maximum 4 shop drawings, 1 RFI, and 3 O&M manuals.
3. Request for Information (RFIs)
  - 3.1. Review Contractor questions or concerns that may arise during construction and respond within 10 calendar days.
    - 3.1.1. Package 1: Maximum 2 contractor questions and concerns

4. Request for Proposals (RFPs), Contract Modification Request (CMR), and Change Orders (COs)
  - 4.1. Coordinate with STV to prepare a description of proposed modifications. STV will issue the RFP form to Contractor through the AutoDesk System.
  - 4.2. Coordinate with STV for review and response to RFP and provide recommendations to the Owner's Representative for consideration.
    - 4.2.1. Package 1: Maximum 2 RFPs/CMRs.
  - 4.3. Review COs prepared by STV
    - 4.3.1. Package 1: Maximum 3 COs.

**ADDITIONAL (NOT INCLUDED IN CONTRACT):**

1. All construction phase services associated with Packages 2, 3 and 4 (to be contracted in a later amendment).
2. Assisting Owner 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 is an Additional Service.
3. Assisting Owner in the defense or prosecution of litigation in connection with or in addition to those services contemplated by this Agreement is an Additional Service.
4. Any services required as a result of default of the Contractor or the failure, for any reason, of the Contractor to complete the work within the Contract Time is an Additional Service.
5. 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 as a result of equipment failing the initial test.
6. Preparing Operation and Maintenance Manuals or conducting operator training.
7. Furnishing the services of a Resident Project Representative to act as Client's on-site representative during the Construction Phase.
8. 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 addition 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.
9. Performing investigations, studies, and analysis of work proposed by construction contractors to correct defective work.
10. 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.
11. Services required to resolve bid protests or to rebid the projects for any reason.
  
12. Visits to the site in excess of the number of trips included in Basic and Supplemental Services for periodic site visits, coordination meetings, or contract completion activities.
13. Any services required as a result of default of the contractor(s) or the failure, for any reason, of the contractor(s) to complete the work within the contract time.
14. Providing services after the completion of the construction phase not specifically listed in Basic Services or Supplemental Services.

15. Providing services made necessary because of unforeseen, concealed, or differing site conditions or due to the presence of hazardous substances in any form.
16. Providing services to review or evaluate construction contractor(s) claim(s), provided said claims are supported by causes not within the control of FNI.
17. Providing value engineering studies or reviews of cost savings proposed by construction contractors after bids have been submitted.
18. Preparing statements for invoicing or other documentation for billing other than for the standard invoice for services attached to this professional services agreement.



Secondary Colorado River Pflugerville  
Raw Water Line Construction Schedule  
August 2023

ID	Task Name	Duration	Start	Finish	Predecessors	% Complete	Text1	Text30	Date1	Date2
1	<b>Construction Phase (Substantial Completion)</b>	<b>674 days</b>	<b>Mon 10/19/09</b>	<b>Tue 8/23/11</b>		<b>0%</b>		588		NA NA
2	<b>Package 1 (Delivery)</b>	<b>644 days</b>	<b>Mon 10/19/09</b>	<b>Sun 7/24/11</b>		<b>0%</b>		589		NA NA
3	Pumps/Motors	490 days	Mon 10/19/09	Sun 2/20/11		0%		708		NA NA
4	Electrical Gear	518 days	Mon 10/19/09	Sun 3/20/11		0%		698		NA NA
5	Generator	644 days	Mon 10/19/09	Sun 7/24/11		0%		699		NA NA
6	Package 2 (Pump Station)	14 mons	Sun 4/25/10	Sat 6/18/11	3FF+3 mons.4F	0%		590		NA NA
7	Package 3 (Pipeline)	19 mons	Mon 10/19/09	Wed 5/11/11		0%		591		NA NA
8	Package 4 (Pipeline)	16 mons	Mon 10/19/09	Thu 2/10/11		0%		598		NA NA
9	<b>Construction Phase (Final Completion)</b>	<b>194 days</b>	<b>Fri 2/11/11</b>	<b>Tue 8/23/11</b>		<b>0%</b>				NA NA
10	Package 2 (Pump Station)	60 days	Sat 6/25/11	Tue 8/23/11	6.5FF+1 mon	0%		705		NA NA
11	Package 3 (Pipeline)	60 days	Thu 5/12/11	Sun 7/10/11	7	0%		706		NA NA
12	Package 4 (Pipeline)	60 days	Fri 2/11/11	Mon 4/11/11	8	0%		707		NA NA

<b>City of Pflugerville</b> <b>Secondary Raw Water Line - Package 1 Construction Phase Services</b> <b>8/4/2023</b> <b>Detailed Cost Breakdown</b>		<b>Project Fee Summary</b>	
		<b>Basic Services</b>	\$ 72,515
		<b>Special Services</b>	\$ -
		<b>Total Project</b>	\$ 72,515

Tasks																
Phase	Task	Basic or Special	Task Description	Anne Hoskins	Daniel Stoutenburg	Michael Lafferty	Davin Hatley	Cassie Grady	Rebecca Peters	Natalie Rodriguez	Thomas Jackson	Kira Iles	Jacqueline McMahon	David Bennett	Charles Cullen	Richard Provolt
				Project Manager	Task Leader - Bid Package 3	PE - Bid Package 3	CAD Designer - Bid Package 3	CAD Designer - Bid Package 1,2,4	Task Leader - Bid Package 4	EIT - Bid Package 4	EIT - Bid Package 1,2	Treatment PE	Treatment Technical Advisor	QA/QC	Task Leader - Bid Package 1,2	Senior Advisor
	1	Basic	Prepare Monthly Summary Reports/ Invoices (26 months).	\$255	\$255	\$220	\$189	\$189	\$220	\$167	\$167	\$220	\$190	\$293	\$293	\$243
	2	Basic	Agency and Stakeholder Coordination (2 meetings per month, 19 months)													
	3	Basic	Construction Site Visits and Progress Meetings													
	3.1	Basic	Pre-Construction Meeting (2 meetings)													
	3.2	Basic	Monthly Site Observation (2 meetings per month, 19 months)													
	3.3	Basic	Specialty Observations (11 site visits)													
	3.4	Basic	Monthly Construction Progress Meetings (39 meetings)													
	3.5	Basic	Pipeline Installation Prove-out Meetings/Site Visit													
	3.6	Basic	Pump Station Expansion Prove-Out Meeting/Site Visit													
	4	Basic	Construction Coordination													
	4.1	Basic	Regular coordination with Owner and STV (20 hours per month)	24	24											
	4.2	Basic	Review monthly construction pay applications (35 pay applications)								4		4			
	4.3	Basic	Review monthly schedules (35 monthly schedules)													
	4.4	Basic	Review monthly as-builts (35 monthly as-builts)													
	5	Basic	Review shop drawings/submittals													
	5.1	Basic	Package 1 & Package 2													
	5.1.1	Basic	Attend one pre-submittal meeting for the Vertical Turbine Pump and Motor submittal										4		4	
	5.1.2	Basic	Attend one post-submittal meeting for the Vertical Turbine Pump and Motor submittal										4		4	
	5.1.3	Basic	One design professional to attend in-person witness testing for the Vertical Turbine Pump (assume 3 days total)										40			
	5.1.4	Basic	Process- Review Maximum 18 shop drawings and 6 O&M manuals										10		4	
	5.1.5	Basic	Structural- Review Maximum 14 shop drawings													
	5.1.6	Basic	HVAC- Review Maximum 25 shop drawings 2 O&M manuals													
	5.1.7	Basic	Electrical- Review Maximum 54 shop drawings, 10 RFIs and 20 O&M manuals										4			
	5.2	Basic	Package 3 & Package 4													
	5.2.1	Basic	Attend one pre-submittal meeting for valves													
	5.2.2	Basic	Attend one pre-submittal meeting for pipe													
	5.2.3	Basic	Review maximum 80 shop drawings, 20 record data, 50 certified test reports, and 4 O&M manuals													
	6	Basic	Review alternatives and substitutions													
	6.1	Basic	Package 1 and Package 2: Review Maximum 12 alternatives/substitutions													
	6.2	Basic	Package 3 and Package 4: Review Maximum 12 alternatives/substitutions													
	7	Basic	Request for information (RFIs)													
	7.1	Basic	Package 1 and Package 2: Review Maximum 30 RFIs	12									8		8	
	7.2	Basic	Package 3 and Package 4: Review Maximum 30 RFIs													
	8	Basic	Request for Proposals (RFPs), Contract Modification Request (CMR), and Change Orders (COs))													
	8.1	Basic	Coordinate with STV for review and response to RFP and provide recommendations to the Owner's Representative for consideration													
	8.1.1	Basic	Package 1 and Package 2: Prepare/ Review Maximum 12 RFPs/CMRs	6									3	3		
	8.1.2	Basic	Package 3 and Package 4: Prepare/ Review Maximum 12 RFPs/CMRs													
	8.2	Basic	Review Cos prepared by STV													
	8.2.1	Basic	Package 1 and Package 2: Review Maximum 12 COs	1									2			
	8.2.2	Basic	Package 3 and Package 4: Review Maximum 12 COs													
	9	Basic	Conduct one (1) substantial completion walk-through/inspection for Package 2 and one (1) substantial completion walk-through/inspection for Package 3 and 4													
	10	Basic	Conduct two (2) final completion walk-through/inspection (coordinated by STV) for Package 2 and two (2) final completion walk-through/inspection for Package 3 and 4													
	11	Basic	Start-up and Commissioning													
	11.1	Basic	Package 1 and Package 2: up to 5 full-days on-site for up to three (3) Engineers per day. Review and provide input to startup plan provided by JHE	8												
	11.2	Basic	Package 3 and Package 4: up to 4 full-days on-site for up to two (2) Engineers per day													
	12	Basic	Prepare Record Drawings													
		Special	Providing services for additional submittals and coordination if Package 3 and Package 4 are awarded to two different contractors													
		Special	1 additional construction meeting per month, 16 meetings													
		Special	Review 70 shop drawings, 5 record data, 20 certified test reports and 4 O&M manuals													
		Special	Additional stakeholder meetings (12 additional stakeholder meetings)													
		Special	Additional monthly site visits (1 additional site visit monthly, 16 meetings)													
		Special	Warranty (site visit, prepare list of non-conforming work)													
<b>Total Hours / Quantity</b>				51	24	-	-	-	-	-	4	-	79	3	20	-
<b>Total Effort</b>				\$ 12,396	\$ 5,882	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 649	\$ -	\$ 14,143	\$ 830	\$ 5,394	\$ -

**City of Pflugerville**  
**Secondary Raw Water Line - Package 1 Construction Phase Services**  
**8/4/2023**  
**Detailed Cost Breakdown**

Tasks												Total Hours	Total Labor Effort	
Phase	Task	Basic or Special	Task Description	Marissa Mendoza	Peter Bartels	Adam Young	Scott Vaughan	Ron Deal	Gary Graham	Will Huff	Noe Ortiz			Brian Glynn
				Accounting	Structural PE	HVAC QC	Plumbing	Catholic Lead PE	Catholic PE	Stormwater PE	Stormwater CAD			Trenchless Design Lead
	1	Basic	Prepare Monthly Summary Reports/ Invoices (26 months).	\$182	\$293	\$293	\$220	\$220	\$255	\$220	\$189	\$293		\$ -
	2	Basic	Agency and Stakeholder Coordination (2 meetings per month, 19 months)											\$ -
	3	Basic	Construction Site Visits and Progress Meetings											\$ -
	3.1	Basic	Pre-Construction Meeting (2 meetings)											\$ -
	3.2	Basic	Monthly Site Observation (2 meetings per month, 19 months)											\$ -
	3.3	Basic	Specialty Observations (11 site visits)											\$ -
	3.4	Basic	Monthly Construction Progress Meetings (39 meetings)											\$ -
	3.5	Basic	Pipeline Installation Prove-out Meetings/Site Visit											\$ -
	3.6	Basic	Pump Station Expansion Prove-Out Meeting/Site Visit											\$ -
	4	Basic	Construction Coordination											\$ -
	4.1	Basic	Regular coordination with Owner and STV (20 hours per month)											\$ -
	4.2	Basic	Review monthly construction pay applications (35 pay applications)										48	\$ 11,763
	4.3	Basic	Review monthly schedules (35 monthly schedules)										8	\$ 1,388
	4.4	Basic	Review monthly as-builts (35 monthly as-builts)											\$ -
	5	Basic	Review shop drawings/submittals											\$ -
	5.1	Basic	Package 1 & Package 2											\$ -
	5.1.1	Basic	Attend one pre-submittal meeting for the Vertical Turbine Pump and Motor submittal										8	\$ 1,826
	5.1.2	Basic	Attend one post-submittal meeting for the Vertical Turbine Pump and Motor submittal										8	\$ 1,826
	5.1.3	Basic	One design professional to attend in-person witness testing for the Vertical Turbine Pump (assume 3 days total)										40	\$ 7,197
	5.1.4	Basic	Process- Review Maximum 18 shop drawings and 6 O&M manuals										14	\$ 2,906
	5.1.5	Basic	Structural- Review Maximum 14 shop drawings											\$ -
	5.1.6	Basic	HVAC- Review Maximum 25 shop drawings 2 O&M manuals											\$ -
	5.1.7	Basic	Electrical- Review Maximum 54 shop drawings, 10 RFIs and 20 O&M man										4	\$ 720
	5.2	Basic	Package 3 & Package 4											\$ -
	5.2.1	Basic	Attend one pre-submittal meeting for valves											\$ -
	5.2.2	Basic	Attend one pre-submittal meeting for pipe											\$ -
	5.2.3	Basic	Review maximum 80 shop drawings, 20 record data, 50 certified test reports, and 4 O&M manuals											\$ -
	6	Basic	Review alternatives and substitutions											\$ -
	6.1	Basic	Package 1 and Package 2: Review Maximum 12 alternatives/substitutions											\$ -
	6.2	Basic	Package 3 and Package 4: Review Maximum 12 alternatives/substitutions											\$ -
	7	Basic	Request for information (RFIs)											\$ -
	7.1	Basic	Package 1 and Package 2: Review Maximum 30 RFIs										27	\$ 6,320
	7.2	Basic	Package 3 and Package 4: Review Maximum 30 RFIs											\$ -
	8	Basic	Request for Proposals (RFPs), Contract Modification Request (CMR), and Change Orders (COs))											\$ -
	8.1	Basic	Coordinate with STV for review and response to RFP and provide recommendations to the Owner's Representative for consideration											\$ -
	8.1.1	Basic	Package 1 and Package 2: Prepare/ Review Maximum 12 RFPs/CMRs										12	\$ 2,817
	8.1.2	Basic	Package 3 and Package 4: Prepare/ Review Maximum 12 RFPs/CMRs											\$ -
	8.2	Basic	Review Cos prepared by STV											\$ -
	8.2.1	Basic	Package 1 and Package 2: Review Maximum 12 COs										3	\$ 601
	8.2.2	Basic	Package 3 and Package 4: Review Maximum 12 COs											\$ -
	9	Basic	Conduct one (1) substantial completion walk-through/inspection for Package 2 and one (1) substantial completion walk-through/inspection for Package 3 and 4											\$ -
	10	Basic	Conduct two (2) final completion walk-through/inspection (coordinated by STV) for Package 2 and two (2) final completion walk-through/inspection for Package 3 and 4											\$ -
	11	Basic	Start-up and Commissioning											\$ -
	11.1	Basic	Package 1 and Package 2: up to 5 full-days on-site for up to three (3) Engineers per day. Review and provide input to startup plan provided by JHE										8	\$ 1,930
	11.2	Basic	Package 3 and Package 4: up to 4 full-days on-site for up to two (2) Engineers per day											\$ -
	12	Basic	Prepare Record Drawings											\$ -
		Special	Providing services for additional submittals and coordination if Package 3 and Package 4 are awarded to two different contractors											\$ -
		Special	1 additional construction meeting per month, 16 meetings											\$ -
		Special	Review 70 shop drawings, 5 record data, 20 certified test reports and 4 O&M manuals											\$ -
		Special	Additional stakeholder meetings (12 additional stakeholder meetings)											\$ -
		Special	Additional monthly site visits (1 additional site visit monthly, 16 meetings)											\$ -
		Special	Warranty (site visit, prepare list of non-conforming work)											\$ -
<b>Total Hours / Quantity</b>				-	-	-	-	-	-	-	-	-	-	<b>180</b>
<b>Total Effort</b>				\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	<b>\$ 39,294</b>



<b>City of Pflugerville</b> <b>Secondary Raw Water Line - Package 1 Construction Phase Services</b> <b>8/4/2023</b> <b>Detailed Cost Breakdown</b>		<b>Project Fee Summary</b>	
		Basic Services	72,515
		Special Services	-
		<b>Total Project</b>	<b>72,515</b>

Tasks				Expenses			
Phase	Task	Basic or Special	Task Description	Tech Charge	Miles	Hotel	Total Expense Effort
	1	Basic	Prepare Monthly Summary Reports/ Invoices (26 months).				\$ -
	2	Basic	Agency and Stakeholder Coordination (2 meetings per month, 19 months)				\$ -
	3	Basic	Construction Site Visits and Progress Meetings				\$ -
	3.1	Basic	Pre-Construction Meeting (2 meetings)				\$ -
	3.2	Basic	Monthly Site Observation (2 meetings per month, 19 months)				\$ -
	3.3	Basic	Specialty Observations (11 site visits)				\$ -
	3.4	Basic	Monthly Construction Progress Meetings (39 meetings)				\$ -
	3.5	Basic	Pipeline Installation Prove-out Meetings/Site Visit				\$ -
	3.6	Basic	Pump Station Expansion Prove-Out Meeting/Site Visit				\$ -
	4	Basic	Construction Coordination				\$ -
	4.1	Basic	Regular coordination with Owner and STV (20 hours per month)	48			\$ 404
	4.2	Basic	Review monthly construction pay applications (35 pay applications)	8			\$ 68
	4.3	Basic	Review monthly schedules (35 monthly schedules)				\$ -
	4.4	Basic	Review monthly as-builts (35 monthly as-builts)				\$ -
	5	Basic	Review shop drawings/submittals				\$ -
	5.1	Basic	Package 1 & Package 2				\$ -
	5.1.1	Basic	Attend one pre-submittal meeting for the Vertical Turbine Pump and Motor submittal	8			\$ 68
	5.1.2	Basic	Attend one post-submittal meeting for the Vertical Turbine Pump and Motor submittal	8			\$ 68
	5.1.3	Basic	One design professional to attend in-person witness testing for the Vertical Turbine Pump (assume 3 days total)	40	3,000	800	\$ 3,285
	5.1.4	Basic	Process- Review Maximum 18 shop drawings and 6 O&M manuals	14			\$ 119
	5.1.5	Basic	Structural- Review Maximum 14 shop drawings				\$ -
	5.1.6	Basic	HVAC- Review Maximum 25 shop drawings 2 O&M manuals				\$ -
	5.1.7	Basic	Electrical- Review Maximum 54 shop drawings, 10 RFIs and 20 O&M manuals	4			\$ 34
	5.2	Basic	Package 3 & Package 4				\$ -
	5.2.1	Basic	Attend one pre-submittal meeting for valves				\$ -
	5.2.2	Basic	Attend one pre-submittal meeting for pipe				\$ -
	5.2.3	Basic	Review maximum 80 shop drawings, 20 record data, 50 certified test reports, and 4 O&M manuals				\$ -
	6	Basic	Review alternatives and substitutions				\$ -
	6.1	Basic	Package 1 and Package 2: Review Maximum 12 alternatives/substitutions				\$ -
	6.2	Basic	Package 3 and Package 4: Review Maximum 12 alternatives/substitutions				\$ -
	7	Basic	Request for information (RFIs)				\$ -
	7.1	Basic	Package 1 and Package 2: Review Maximum 30 RFIs	27			\$ 230
	7.2	Basic	Package 3 and Package 4: Review Maximum 30 RFIs				\$ -
	8	Basic	Request for Proposals (RFPs), Contract Modification Request (CMR), and Change Orders (COs))				\$ -
	8.1	Basic	Coordinate with STV for review and response to RFP and provide recommendations to the Owner's Representative for consideration				\$ -
	8.1.1	Basic	Package 1 and Package 2: Prepare/ Review Maximum 12 RFPs/CMRs	12			\$ 102
	8.1.2	Basic	Package 3 and Package 4: Prepare/ Review Maximum 12 RFPs/CMRs				\$ -
	8.2	Basic	Review Cos prepared by STV				\$ -
	8.2.1	Basic	Package 1 and Package 2: Review Maximum 12 COs	3			\$ 26
	8.2.2	Basic	Package 3 and Package 4: Review Maximum 12 COs				\$ -
	9	Basic	Conduct one (1) substantial completion walk-through/inspection for Package 2 and one (1) substantial completion walk-through/inspection for Package 3 and 4				\$ -
	10	Basic	Conduct two (2) final completion walk-through/inspection (coordinated by STV) for Package 2 and two (2) final completion walk-through/inspection for Package 3 and 4				\$ -
	11	Basic	Start-up and Commissioning				\$ -
	11.1	Basic	Package 1 and Package 2: up to 5 full-days on-site for up to three (3) Engineers per day. Review and provide input to startup plan provided by JHE	8			\$ 68
	11.2	Basic	Package 3 and Package 4: up to 4 full-days on-site for up to two (2) Engineers per day				\$ -
	12	Basic	Prepare Record Drawings				\$ -
		Special	Providing services for additional submittals and coordination if Package 3 and Package 4 are awarded to two different contractors				\$ -
		Special	1 additional construction meeting per month, 16 meetings				\$ -
		Special	Review 70 shop drawings, 5 record data, 20 certified test reports and 4 O&M manuals				\$ -
		Special	Additional stakeholder meetings (12 additional stakeholder meetings)				\$ -
		Special	Additional monthly site visits (1 additional site visit monthly, 16 meetings)				\$ -
		Special	Warranty (site visit, prepare list of non-conforming work)				\$ -
<b>Total Hours / Quantity</b>				<b>180</b>	<b>3,000</b>	<b>800</b>	
<b>Total Effort</b>				<b>\$ 1,526</b>	<b>\$ 2,025</b>	<b>\$ 920</b>	<b>\$ 4,471</b>

<b>City of Pflugerville</b> <b>Secondary Raw Water Line - Package 1 Construction Phase Services</b> <b>8/4/2023</b> <b>Detailed Cost Breakdown</b>		<b>Project Fee Summary</b>			
		Basic Services			72,515
		Special Services			-
		<b>Total Project</b>			<b>72,515</b>

Tasks				Subconsultants										Total		
Phase	Task	Basic or Special	Task Description	Gupta - Electrical											Total Sub Effort	Total Effort
	1	Basic	Prepare Monthly Summary Reports/ Invoices (26 months).												\$ -	\$ -
	2	Basic	Agency and Stakeholder Coordination (2 meetings per month, 19 months)												\$ -	\$ -
	3	Basic	Construction Site Visits and Progress Meetings												\$ -	\$ -
	3.1	Basic	Pre-Construction Meeting (2 meetings)												\$ -	\$ -
	3.2	Basic	Monthly Site Observation (2 meetings per month, 19 months)												\$ -	\$ -
	3.3	Basic	Specialty Observations (11 site visits)												\$ -	\$ -
	3.4	Basic	Monthly Construction Progress Meetings (39 meetings)												\$ -	\$ -
	3.5	Basic	Pipeline Installation Prove-out Meetings/Site Visit												\$ -	\$ -
	3.6	Basic	Pump Station Expansion Prove-Out Meeting/Site Visit												\$ -	\$ -
	4	Basic	Construction Coordination												\$ -	\$ -
	4.1	Basic	Regular coordination with Owner and STV (20 hours per month)												\$ -	\$ 12,167
	4.2	Basic	Review monthly construction pay applications (35 pay applications)												\$ -	\$ 1,456
	4.3	Basic	Review monthly schedules (35 monthly schedules)												\$ -	\$ -
	4.4	Basic	Review monthly as-builts (35 monthly as-builts)												\$ -	\$ -
	5	Basic	Review shop drawings/submittals												\$ -	\$ -
	5.1	Basic	Package 1 & Package 2												\$ -	\$ -
	5.1.1	Basic	Attend one pre-submittal meeting for the Vertical Turbine Pump and Motor submittal												\$ -	\$ 1,894
	5.1.2	Basic	Attend one post-submittal meeting for the Vertical Turbine Pump and Motor submittal												\$ -	\$ 1,894
	5.1.3	Basic	One design professional to attend in-person witness testing for the Vertical Turbine Pump (assume 3 days total)	5,000											\$ 5,750	\$ 16,232
	5.1.4	Basic	Process- Review Maximum 18 shop drawings and 6 O&M manuals												\$ -	\$ 3,025
	5.1.5	Basic	Structural- Review Maximum 14 shop drawings												\$ -	\$ -
	5.1.6	Basic	HVAC- Review Maximum 25 shop drawings 2 O&M manuals												\$ -	\$ -
	5.1.7	Basic	Electrical- Review Maximum 54 shop drawings, 10 RFIs and 20 O&M man	20,000											\$ 23,000	\$ 23,754
	5.2	Basic	Package 3 & Package 4												\$ -	\$ -
	5.2.1	Basic	Attend one pre-submittal meeting for valves												\$ -	\$ -
	5.2.2	Basic	Attend one pre-submittal meeting for pipe												\$ -	\$ -
	5.2.3	Basic	Review maximum 80 shop drawings, 20 record data, 50 certified test reports, and 4 O&M manuals												\$ -	\$ -
	6	Basic	Review alternatives and substitutions												\$ -	\$ -
	6.1	Basic	Package 1 and Package 2: Review Maximum 12 alternatives/substitutions												\$ -	\$ -
	6.2	Basic	Package 3 and Package 4: Review Maximum 12 alternatives/substitutions												\$ -	\$ -
	7	Basic	Request for information (RFIs)												\$ -	\$ -
	7.1	Basic	Package 1 and Package 2: Review Maximum 30 RFIs												\$ -	\$ 6,549
	7.2	Basic	Package 3 and Package 4: Review Maximum 30 RFIs												\$ -	\$ -
	8	Basic	Request for Proposals (RFPs), Contract Modification Request (CMR), and Change Orders (COs))												\$ -	\$ -
	8.1	Basic	Coordinate with STV for review and response to RFP and provide recommendations to the Owner's Representative for consideration												\$ -	\$ -
	8.1.1	Basic	Package 1 and Package 2: Prepare/ Review Maximum 12 RFPs/CMRs												\$ -	\$ 2,919
	8.1.2	Basic	Package 3 and Package 4: Prepare/ Review Maximum 12 RFPs/CMRs												\$ -	\$ -
	8.2	Basic	Review Cos prepared by STV												\$ -	\$ -
	8.2.1	Basic	Package 1 and Package 2: Review Maximum 12 COs												\$ -	\$ 627
	8.2.2	Basic	Package 3 and Package 4: Review Maximum 12 COs												\$ -	\$ -
	9	Basic	Conduct one (1) substantial completion walk-through/inspection for Package 2 and one (1) substantial completion walk-through/inspection for Package 3 and 4												\$ -	\$ -
	10	Basic	Conduct two (2) final completion walk-through/inspection (coordinated by STV) for Package 2 and two (2) final completion walk-through/inspection for Package 3 and 4												\$ -	\$ -
	11	Basic	Start-up and Commissioning												\$ -	\$ -
	11.1	Basic	Package 1 and Package 2: up to 5 full-days on-site for up to three (3) Engineers per day. Review and provide input to startup plan provided by JHE												\$ -	\$ 1,998
	11.2	Basic	Package 3 and Package 4: up to 4 full-days on-site for up to two (2) Engineers per day												\$ -	\$ -
	12	Basic	Prepare Record Drawings												\$ -	\$ -
		Special	Providing services for additional submittals and coordination if Package 3 and Package 4 are awarded to two different contractors												\$ -	\$ -
		Special	1 additional construction meeting per month, 16 meetings												\$ -	\$ -
		Special	Review 70 shop drawings, 5 record data, 20 certified test reports and 4 O&M manuals												\$ -	\$ -
		Special	Additional stakeholder meetings (12 additional stakeholder meetings)												\$ -	\$ -
		Special	Additional monthly site visits (1 additional site visit monthly, 16 meetings)												\$ -	\$ -
		Special	Warranty (site visit, prepare list of non-conforming work)												\$ -	\$ -
<b>Total Hours / Quantity</b>				\$ 25,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Total Effort</b>				\$ 28,750	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 28,750	\$ 72,515