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 12th 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 10th 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 13th 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:

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 PFLUGERVIL	LE	CONSULTAN	T T
(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 onsite 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 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.
- 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 Supplimental 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.



Pflugerville Secondary Colorado River Raw Water Line Construction Schedule August 2023

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

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

			Tasks													
				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
Phase	Phase Task S		Task Description	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	Treatment PE	Treatment Technical	QA/QC	Task Leader - Bid Package 1.2	Senior Advisor
			9		\$255	\$220	\$189	\$189	\$220	\$167	\$167	\$220	\$190	\$293	\$293	\$243
	1	Basic	Prepare Monthly Summary Reports/ Invoices (26 months).	+	7-11		4	Ţ		7.7.	Ţ		Ţ	4	7	
	2		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		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										4		4	
	•		submittal													
	5.1.2	Basic	Attend one post-submittal meeting for the Vertical Turbine Pump and										4		4	
			Motor submittal													
	5.1.3	Basic	One design professional to attend in-person witness testing for the Vertical										40			
	5.1.4	Basic	Turbine Pump (assume 3 days total) Process- Review Maximum 18 shop drawings and 6 O&M manuals										10		4	
	5.1.4	Basic	Structural- Review Maximum 14 shop drawings and 6 O&M manuals										10		4	
	5.1.6	Basic	HVAC- Review Maximum 25 shop drawings													
	5.1.7	Basic	Electrical- Review Maximum 54 shop drawings 2 Oak manuals Electrical- Review Maximum 54 shop drawings, 10 RFIs and 20 O&M manuals	iale									4			
	5.2	Basic	Package 3 & Package 4	Jaio									7			
	5.2.1	Basic	Attend one pre-submittal meeting for valves													
	5.2.2	Basic	Attend one pre-submittal meeting for pipe													
			Review maximum 80 shop drawings, 20 record data, 50 certified test													
	5.2.3	Basic	reports, and 4 O&M manuals													
	6	Basic	Review alternatives and substitutions													
	6.1	Basic	Package 1 and Package 2: Review Maximum 12 alternatives/substititions													
	6.2	Basic	Package 3 and Package 4: Review Maximum 12 alternatives/substititions													
	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	0									3	3		
	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													
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	9	Basic	2 and one (1) substantial completion walk-through/inspection for Package 3 and 4													
			Conduct two (2) final completion walk-through/inspection (coordinated by													
	10	Basic	STV) for Package 2 and two (2) final complletion walk-through/inspection for													
			Package 3 and 4													
	11	Basic	Start-up and Commissioning													
		<u> </u>	Package 1 and Package 2: up to 5-full-days on-site for up to three (3)													
	11.1	Basic	Engineers per day. Review and provide input to startup plan provided by JHE	8												
			Package 3 and Package 4: up to 4 full-days on-site for up to two (2)													
	11.2	Basic	Engineers per day													
	12	Basic	Prepare Record Drawings													
	12		Providing services for additional submittals and coordination if Package 3 and													
		Special	Package 4 are awarded to two different contractors													
		Special	1 additional construction meeting per month, 16 meetings													
			Review 70 shop drawings, 5 record data, 20 certified test reports and 4													
		Special	O&M manuals													
		Special	Additional stakeholder meetings (12 additional stakeholder meetings)													
		Special	Additional monthly site visits (1 additional site visit monthly, 16 meetings)													
			Warranty (site visit, prepare list of non-conforming work)													
			Total Hours / Quantity	51	24	-	-	-	-	-	4	-	79	3	20	-
			Total Effort			\$ -	\$ -	\$ -	\$ -	\$ -	\$ 649	\$ -	\$ 14,143			
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72,515

72,515

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

3 Salaco Continuation of the Visits and Proposed Meetings 1	Tasks														
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S.1.6 Basic HVAC-Review Maximum 25 shop drawings 2 OMM manuals				Process- Review Maximum 18 shop drawings and 6 O&M manuals										14	\$ 2,906
S.1.7 Basic Electrical Review Maximum 54 etch privately S.1.7 Sales S.2.7 Basic Package & Package & S.2.7 Sales S.2.7 Basic Package & S.2.7 Sales															\$ -
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10 Basic STV) for Package 2 and two (2) final complletion walk-through/inspection for Package 3 and 4 11 Basic Start-up and Commissioning 11.1 Basic Package 3 and Package 2: up to 5-full-days on-site for up to three (3) 11.1 Basic Engineers per day. Review and provide input to startup plan provided by JHE 11.2 Basic Package 3 and Package 4: up to 4 full-days on-site for up to two (2) Engineers per day. Package 3 and Package 4: up to 4 full-days on-site for up to two (2) Engineers per day. Providing services for additional submittals and coordination if Package 3 and Package 4 are awarded to two different contractors Special Additional construction meeting per month, 16 meetings Special Additional stakeholder meetings (12 additional site visit monthly, 16 meetings) Special Additional monthly site visits (1 additional site visit monthly, 16 meetings) Special Warranty (site visit, prepare list of non-conforming work) Total Hours / Quantity Total Hours / Quantity Special Varranty (site visit, prepare list of non-conforming work)															
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11.1 Basic Start-up and Commissioning Package 1 and Package 2: up to 5-full-days on-site for up to three (3) Package 1 and Package 2: up to 5-full-days on-site for up to three (3) Package 3 and Package 4: up to 4 full-days on-site for up to two (2) Package 3 and Package 4: up to 4 full-days on-site for up to two (2) Package 3 and Package 4: up to 4 full-days on-site for up to two (2) Package 3 and Package 4: up to 4 full-days on-site for up to two (2) Package 3 and Package 4: up to 4 full-days on-site for up to two (2) Package 3 and Package 4: up to 4 full-days on-site for up to two (2) Package 3 and Package 4: up to 4 full-days on-site for up to two (2) Package 3 and Package 4: up to 4 full-days on-site for up to two (2) Package 3 and Package 4: up to 4 full-days on-site for up to two (2) Package 3 and Package 4: up to 4 full-days on-site for up to two (2) Package 3 and Package 4: up to 4 full-days on-site for up to two (2) Package 3 and Package 4: up to 4 full-days on-site for up to two (2) Package 3 and Package 4: up to 4 full-days on-site for up to two (2) Package 3 and Package 4: up to 4 full-days on-site for up to two (2) Package 3 and Package 4: up to 4 full-days on-site for up to two (2) Package 3 and Package 4: up to 4 full-days on-site for up to two (2) Package 3 and Package 4: up to 4 full-days on-site for up to two (2) Package 3 and Package 4: up to 4 full-days on-site for up to two (2) Package 3 and Package 4: up to 4 full-days on-site for up to two (2) Package 3 and Package 4: up to 4 full-days on-site for up to two (2) Package 3 and Package 4: up to 4 full-days on-site for up to two (2) Package 3 and Package 4: up to 4 full-days on-site for up to two (2) Package 4: up to 4 full-days on-site for up to two (2) Package 4: up to 4 full-days on-site for up to two (2) Package 4: up to 4 full-days on-site for up to two (2) Package 4: up to 4 full-days on-site for up to two (2) Package 4: up to 4 full-days on-site for up to two (2) Package 4: up to 4 full-days on-site for up to two (2) Package 4: up to 4		10	Dasic												-
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 11.2 Basic Package 3 and Package 4: up to 4 full-days on-site for up to two (2) Engineers per day Engineers per day Special Specia		11	Basic												\$ -
11.1 Basic Engineers per day. Review and provide input to startup plan provided by JHE 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 Special 1 additional construction meeting per month, 16 meetings Special Additional stakeholder meetings (12 additional site visit nonthly, 16 meetings) Special Additional monthly site visits (1 additional site visit nonthly, 16 meetings) Special Warranty (site visit, prepare list of non-conforming work) Total Hours / Quantity 8 \$ 1.0 \$ 1.0 \$ 1.															t ·
JHE Package 3 and Package 4: up to 4 full-days on-site for up to two (2) Engineers per day Second Package 4: up to 4 full-days on-site for up to two (2) Second Package 3 and Package 4 are awarded to two different contractors 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 Special National stakeholder meetings (12 additional stakeholder meetings) 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) Special Special Warranty (site visit, prepare list of non-conforming work) Special Special Special Warranty (site visit, prepare list of non-conforming work) Special Special Special Warranty (site visit, prepare list of non-conforming work) Special Spec		11.1	Basic											8	\$ 1,930
In the proof of th															
Engineers per day In additional construction meeting per month, 16 meetings Special Special Special Additional stakeholder meetings (12 additional stakeholder meetings) Special Special Additional monthly site visits (1 additional site visit monthly, 16 meetings) Special Special Additional monthly site visits (1 additional site visit monthly, 16 meetings) Special Special Additional monthly site visits (1 additional site visit monthly, 16 meetings) Special Special Warranty (site visit, prepare list of non-conforming work) Total Hours / Quantity Special S		11 2	Basic												s -
Special Providing services for additional submittals and coordination if Package 3 and Package 4 are awarded to two different contractors Special Additional construction meeting per month, 16 meetings Special 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) Total Hours / Quantity \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$															ų .
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Package 4 are awarede to two dillerent contractors			Special	Providing services for additional submittals and coordination if Package 3 and											\$ -
Special 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) Total Hours / Quantity 1 180			1												s -
Special 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) Special Warranty (site visit, prepare list of non-conforming work) Special Warranty (site visit, prepare list of non-conforming work) Special Warranty (site visit, prepare list of non-conforming work) Special Warranty (site visit, prepare list of non-conforming work) Special Warranty (site visit, prepare list of non-conforming work) Special Warranty (site visit, prepare list of non-conforming work) Special Warranty (site visit, prepare list of non-conforming work) Special Warranty (site visit, prepare list of non-conforming work) Special Warranty (site visit, prepare list of non-conforming work) Special Warranty (site visit, prepare list of non-conforming work) Special Warranty (site visit, prepare list of non-conforming work) Special Warranty (site visit, prepare list of non-conforming work) Special Warranty (site visit, prepare list of non-conforming work) Special Warranty (site visit, prepare list of non-conforming work) Special Spec				Review 70 shop drawings 5 record data 20 certified test reports and 4											•
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) Special Warranty (site visit, prepare list of non-conforming work) Total Hours / Quantity 180			Special												\$ -
Special Additional monthly site visits (1 additional site visit monthly, 16 meetings) Special Warranty (site visit, prepare list of non-conforming work) Total Hours / Quantity 1 180			Special												\$ -
Special Warranty (site visit, prepare list of non-conforming work) \$ Total Hours / Quantity 180															\$ -
Total Hours / Quantity 180															\$ -
Total Effort \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$				Total Hours / Quantity		-	-	-	-	-	-	-	-	180	
				Total Effort	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ 39,294

			Tasks	Expenses									
Phase	Task	Basic or Special	Task Description	Tech Charge	Miles	Hotel	ı	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 3.2	Basic Basic	Pre-Construction Meeting (2 meetings) 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				\$	-					
	4.1	Basic Basic	Construction Coordination Regular coordination with Owner and STV (20 hours per month)	48			\$	404					
	4.1	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 5.1.6	Basic Basic	Structural- Review Maximum 14 shop drawings HVAC- Review Maximum 25 shop drawings 2 O&M manuals				\$	-					
	5.1.7	Basic	Electrical- Review Maximum 54 shop drawings 2 Odw mandais Electrical- Review Maximum 54 shop drawings, 10 RFIs and 20 O&M man	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 6.2	Basic	Package 1 and Package 2: Review Maximum 12 alternatives/substititions Package 3 and Package 4: Review Maximum 12 alternatives/substititions				\$	-					
	7	Basic 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	3			\$	- 26					
	8.2.1 8.2.2	Basic Basic	Package 1 and Package 2: Review Maximum 12 COs Package 3 and Package 4: Review Maximum 12 COs	3			\$	- 26					
	J.L.L	Dadio	Conduct one (1) substantial completion walk-through/inspection for Package				Ť						
	9	Basic	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 complletion 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	8			\$	68					
	11.2	Basic	JHE Package 3 and Package 4: up to 4 full-days on-site for up to two (2)				\$						
	11.2	Basic	Engineers per day Prepare Record Drawings				\$	-					
		Special	Providing services for additional submittals and coordination if Package 3 and				\$	-					
		Special	Package 4 are awarded to two different contractors 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				Ė						
		Special Special	Additional stakeholder meetings (12 additional stakeholder meetings) Additional monthly site visits (1 additional site visit monthly, 16 meetings)				\$	-					
		Special					\$						
			Total Hours / Quantity	180	3,000	800	Ť						
			Total Effort	\$ 1,526	\$ 2,025	\$ 920	\$	4,471					

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

Project Fee	Summary
Basic Services	72,515
Special Services	-
Total Project	72,515

Tasks					Subconsultants										Total
Phase	Task	Basic or Special	Task Description	Gupta - Electrical										Total Sub Effort	Total Effort
	1		Prepare Monthly Summary Reports/ Invoices (26 months).											\$ -	\$ -
	3		Agency and Stakeholder Coordination (2 meetings per month, 19 months) Construction Site Visits and Progress Meetings											\$ -	\$ -
	3.1		Pre-Construction Meeting (2 meetings)											\$ -	\$ -
	3.2		Monthly Site Observation (2 meetings per month, 19 months)											\$ -	\$ -
	3.3		Specialty Observations (11 site visits)											\$ -	\$ -
	3.4		Monthly Construction Progress Meetings (39 meetings)											\$ -	\$ -
	3.5	Basic	Pipeline Installation Prove-out Meetings/Site Visit											\$ -	\$ -
	3.6		Pump Station Expansion Prove-Out Meeting/Site Visit Construction Coordination											\$ -	\$ -
	4.1		Regular coordination with Owner and STV (20 hours per month)											\$ -	\$ -
	4.2		Review monthly construction pay applications (35 pay applications)											\$ -	\$ 1,456
	4.3		Review monthly schedules (35 monthly schedules)											\$ -	\$ -
	4.4	Basic	Review monthly as-builts (35 monthly as-builts)											\$ -	\$ -
	5		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 5.1.6	Basic Basic	Structural- Review Maximum 14 shop drawings HVAC- Review Maximum 25 shop drawings 2 O&M manuals											\$ -	\$ -
	5.1.7	Basic	Electrical- Review Maximum 54 shop drawings 2 Odw Handais	20,000										\$ 23,000	\$ 23,754
	5.2	Basic	Package 3 & Package 4	20,000										\$ -	\$ -
	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	Rasic	Review alternatives and substitutions											\$ -	\$ -
	6.1	Basic	Package 1 and Package 2: Review Maximum 12 alternatives/substititions											\$ -	\$ -
	6.2	Basic	Package 3 and Package 4: Review Maximum 12 alternatives/substititions											\$ -	\$ -
	7		Request for information (RFIs)											\$ -	\$ -
	7.1		Package 1 and Package 2: Review Maximum 30 RFIs											\$ -	\$ 6,549
	7.2	Basic	Package 3 and Package 4: Review Maximum 30 RFIs Request for Proposals (RFPs), Contract Modification Request (CMR), and											\$ -	\$ -
	8	Basic	Change Orders (COs))											\$ -	\$ -
	8.1	Basic	Coordinate with STV for review and response to RFP and provide											s -	\$ -
	8.1.1	Basic	recommendations to the Owner's Representative for consideration 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											\$ -	\$ 2,919
	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		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											\$ -	\$ 1,998
	11.2	Basic	JHE Package 3 and Package 4: up to 4 full-days on-site for up to two (2)											\$ -	\$ -
	12		Engineers per day Prepare Record Drawings											\$ -	\$ -
		Special	Providing services for additional submittals and coordination if Package 3 and											s -	\$ -
			Package 4 are awarded to two different contractors 1 additional construction meeting per month, 16 meetings											\$ -	\$ -
		Special	Review 70 shop drawings, 5 record data, 20 certified test reports and 4											s -	\$
			O&M manuals												÷
		Special	Additional stakeholder meetings (12 additional stakeholder meetings)											\$ - \$ -	\$ - \$ -
			Additional monthly site visits (1 additional site visit monthly, 16 meetings) Warranty (site visit, prepare list of non-conforming work)											\$ -	\$ - \$ -
		opoolui	Total Hours / Quantity	\$ 25,000	s -	\$ -	s -	\$ -	\$ -	s -	\$ -	\$ -	\$ -	Ť	-
			Total Effort			\$ -			\$ -		\$ -	\$ -	\$ -	\$ 28,750	\$ 72,515