

RESOLUTION 22-R-21 EXHIBIT B
AMMENDMENT 4 TO WOMAN HOLLERING CREEK PROJECT AGREEMENT
MODIFIED SCOPE AND FEE OF CONSTRUCTION PHASE SERVICES

- I. Construction Phase – This scope assumes a construction duration of twelve (12) months.
 - A. Attend a preconstruction kickoff/coordination meeting.
 - B. Prepare Conformed Documents. This task will incorporate all revisions that occurred during the bid process and before construction (including the shift of the WWL along FM 1518 to accommodate the Crossvine Drainage Ditch).
 - C. Attend and conduct a preconstruction conference. CobbFendley will prepare the agenda, take notes, and prepare the meeting minutes.
 - D. Attend periodic progress meetings. Assume monthly progress meetings for a total of twelve (12).
 - E. Attend periodic site visits. Assume monthly site visits not coincident with progress meetings for a total of twelve (12).
 - F. Review project submittals/shop drawings. CobbFendley will review each submittal twice. If the Contractor requires a third submittal, it will be reviewed as an additional service and at the Contractor's expense, as will be written in the contract documents. The number of submittals is assumed to be eighty (80).
 - G. Review pay estimates. CobbFendley will coordinate with the City's inspector on accurate quantities and review the pay estimates for accuracy. CobbFendley will rely on the inspector for verification of quantities submitted. The number of pay requests assumed is twelve (12).
 - H. Respond to Requests for Information (RFIs). CobbFendley will coordinate with the City and Contractor on RFIs and respond with clarifications as needed. The number of RFIs is assumed to be twenty (20).
 - I. Change Orders. CobbFendley will assist the City in negotiation and preparation of change order documents, should they be necessary. Four (4) change orders are assumed.
 - J. Final Walk Through and Punch List. CobbFendley will attend the final walk through and coordinate with the City's inspector on the punch list items.
 - K. Project Close Out. CobbFendley will assist the City on closing out the contract, reviewing the final pay application and affidavits, and preparing the Concurrence Letter.
 - L. Record Drawings. CobbFendley will prepare a set of record drawings based on the Contractor's redlines in the field.
 - M. Project Management. This task includes managing the engineering project including managing resources and updating status reports and invoices to the City for twelve (12) months.

N. Electrical Engineering. Cleary Zimmerman Engineers is included in the project to provide electrical engineering services for the Contract. This includes construction phase services.

O. Construction Materials Testing is not included in this scope.

Basis of Compensation

Description	Cost
Subtotal Modified Construction Phase Services	\$99,645
Previously approved amount for Construction Phase Services	(\$46,430)
Total Additional Construction Phase Fee	\$53,215
Expenses	\$2,000
Total Modification to Construction Phase Services	\$55,215

IN WITNESS WHEREOF, the parties to this Agreement hereby execute this Amendment to the Agreement effective as of _____, 2019 (the “Effective Date”).

CITY OF SCHERTZ

CONSULTANT

CITY MANAGER

Consultant Name

TITLE

Woman Hollering Wastewater Line
Additional Construction Phase
December 14, 2021

Task	Labor Rates				Total Hours	Subconsultant/Expense	Total Budget
	\$278.00 per hour	\$129.00 per hour	\$170.00 per hour	\$65.00 per hour			
	Senior Project Manager	Project Engineer I	Senior Technician	Clerical			
IV. Construction Phase							
A. Preconstruction Kickoff / Coordination Meeting	2	2		1	5		\$879.00
B. Prepare Confirmed Documents / Revise 1518 WWL due to Crossvine Plans	4	12			16		\$2,660.00
C. Preconstruction conference	2	4			6		\$1,072.00
D. Progress meetings (Assume 12)	24	30		6	60		\$10,932.00
E. Site visits (Assume 12)	24	24			48		\$9,768.00
F. Submittal review (Assume 80)	40	140		20	200		\$30,480.00
G. Pay estimates (Assume 12)	12	24			36		\$6,432.00
H. RFIs (Assume 20)	20	35	20	5	80		\$13,800.00
I. Change Orders (Assume 4)	4	12			16		\$2,660.00
J. Final Walk Through	8	8			16		\$3,256.00
K. Close-out	2	8			10		\$1,588.00
L. Record Drawings	2	4	40	2	48		\$8,002.00
M. Project Management	12			12	24		\$4,116.00
N. Electrical Engineering Construction Phase - Cleary Zimmerman						\$4,000.00	\$4,000.00
Subtotal - Construction Phase	150	289	60	45	544		\$99,645.00
Previously approved amount							\$46,430.00
Additional Construction Phase Expenses							\$53,215.00
Total Additional Supplemental Request							\$55,215.00



2021 Standard Rate Schedule

Senior Engineer V or Principal	\$299.00/HR
Senior Engineer IV or Project Manager V	\$278.00/HR
Senior Engineer III or Project Manager IV	\$242.00/HR
Senior Engineer II or Project Manager III	\$227.00/HR
Senior Engineer I or Project Manager II	\$201.00/HR
Engineer III or Project Manager I	\$175.00/HR
Engineer II	\$155.00/HR
Engineer I	\$129.00/HR
Graduate Engineer II.....	\$118.00/HR
Graduate Engineer.....	\$108.00/HR
Project Coordinator.....	\$98.00/HR
Senior Technician III (GIS, Telecom, Utility, CAD, Field).....	\$170.00/HR
Senior Technician II (GIS, Telecom, Utility, CAD, Field).....	\$149.00/HR
Senior Technician I (GIS, Telecom, Utility, CAD, Field).....	\$129.00/HR
Technician III (GIS, Telecom, Utility, CAD, Field).....	\$103.00/HR
Technician II (GIS, Telecom, Utility, CAD, Field).....	\$84.00/HR
Technician I (GIS, Telecom, Utility, CAD, Field).....	\$62.00/HR
Licensed State Land Surveyor	\$242.00/HR
Senior Registered Professional Land Surveyor.....	\$216.00/HR
Registered Professional Land Surveyor.....	\$175.00/HR
Project Surveyor.	\$155.00/HR
Certified Photogrammetrist.	\$205.00/HR
4 Person Survey Crew.....	\$196.00/HR
3 Person Survey Crew.....	\$175.00/HR
2 Person Survey Crew.....	\$149.00/HR
1 Person Survey Crew.....	\$108.00/HR
2 Person Hy-Drone Crew.....	\$350.00/HR
2 Person UAV Drone Crew.....	\$242.00/HR
Construction Manager III.....	\$288.00/HR
Construction Manager II.....	\$237.00/HR
Construction Manager I.....	\$191.00/HR
Construction Observer III	\$160.00/HR
Construction Observer II	\$134.00/HR
Construction Observer I	\$113.00/HR
Sr. Right-of-Way Agent III or ROW Project Manager III.....	\$250.00/HR
Sr. Right-of-Way Agent II or ROW Project Manager II.....	\$200.00/HR
Sr. Right-of-Way Agent I or ROW Project Manager I.....	\$180.00/HR
Right-of-Way Agent III or ROW Attorney.....	\$160.00/HR
Right-of-Way Agent II.....	\$140.00/HR
Right-of-Way Agent I.....	\$110.00/HR

(Continued)

Right-of-Way Technician.....	\$100.00/HR
Administrative	\$108.00/HR
Clerical.....	\$82.00/HR
Field Data Device	\$40.00/HR/unit

SUBSURFACE UTILITY ENGINEERING

Two-Man Designating Crew (4-Hour Minimum)	\$175/HR
One-Man Designating Crew (4-Hour Minimum)	\$113/HR
Vacuum Excavation Truck with 2 Technicians (Vac 6000) (4-Hour Minimum).....	\$325/HR
Vacuum Excavation Truck with 2 Technicians (Vac 3000 & 4000) (4-Hour Minimum).....	\$304/HR
Ground Penetrating Radar with 1 Technician (4-Hour Minimum)	\$268/HR
Traffic Control Officer.....	@ Cost + 10%
Traffic Control (Lane Closures, etc.)	To Be Negotiated
Permits (Local, State, etc.).....	@ Cost + 10%
Designation, Location & Traffic Control Vehicles.....	\$6.50/Mile

REIMBURSABLE EXPENSES

Technology Fee (*)	\$3.75/HR
Consultant or Specialty Contractor (Outside Firm)	@ Cost + 10%
Courier, Special Equipment Rental	@ Cost + 10%
Reasonable Out of Town Travel Expenses (Air, Hotel, Rental, etc.)	@ Cost
Mileage (Standard Car or Truck).....	IRS Approved Rate
Per Diem for Out of Town Travel (Per Day/Person)	GSA Standard Rate/Day
Title Plant Charges	@ Cost + 10%
Other Misc. Expenses Related to the Project.....	@ Cost + 10%

In-House Reproduction:

- Copies (Up to 11" x 17")..... \$0.15/Each
- Color Prints (Up to 11" x 17")..... \$1.50/Each
- Color Prints (Larger than 11" x 17")
- Bluelines (All Sizes)..... \$1.00/Each
- Bond Prints (All Sizes)..... \$2.00/Each
- Mylar Prints
- Vellum Prints

(*) Technology charges added to each billable man-hour.

Proposal for Engineering Services

12/09/2021

Ms. Julie Hastings, P.E., MBA
Principal | Regional Municipal Manager
Cobb Fendley
505 E. Huntland Drive, Suite 100
Austin, Texas 75752

Ms. Hastings,

As a registered professional engineering firm with licensed professional engineers who are proficient in their practices, CLEARY ZIMMERMANN ENGINEERS, LLC ("CZ") hereby proposes to serve as your creative engineering partner for your project. The details of your project as we understand them are described hereafter (the "Project"), as well as the specific services we will provide as a consultant for the Project.

Project Details

Project Name

Woman Hollering Creek Lift Station – Schedule Extension

Project Location

10 Commercial Pl.
Schertz, TX 78154

Estimated Const. Cost

To be determined

Design Schedule

To be determined

Construction Period

To be determined

Scope of Work

The project scope is understood to consist of a year time extension of an existing 2014 scope for a lift station design. The time extension will be utilized for construction administration.

Basic Services

Design & CA

Refer to original scope.

Compensation for Services

Fees

CZ's compensation for performing the services described herein will be on a flat, lump-sum basis by task as follows:

BASIC SERVICES	FEE
Construction Phase	\$4,000

Reimbursable Expenses

None.

Invoice Progression

Unless otherwise noted, CZ will invoice for services rendered per the following schedule:

SERVICES	SCHEDULE
Construction Phase	Commensurate with contractor's submittal review and site inspection

Services Not Included

Design services or construction documents	Detailed cost estimating
SCADA Programming/Integration	Site utility design, including domestic water, sewer, storm drainage and natural gas; and site fire protection design or analysis (access drives, hose lay, etc).
Services related to environmental studies or remediation.	Design services due to a change in scope of Basic Services.
Design of bid alternates or multiple bid packages.	Design services due to Change Orders requested by the Client during construction.
Engineering studies of alternative systems and equipment locations.	Economic analyses, including life cycle cost.
Record drawing generation from contractor's red-lined field notes.	Value engineering design services after approval of the 50% Preliminary Construction Documents.

Agreement

Excluding any services with strikethrough and initials in the Fees paragraph, I hereby accept this proposal and enter into a binding agreement with CZ comprised of this Proposal for Engineering Services, the attached Exhibit A, Hourly Rate Schedule, and the attached Exhibit B, Terms and Conditions.

Respectfully submitted,



RICHARD GUZMAN, PE, SEC+
PRINCIPAL | WATER / WASTEWATER
CLEARY ZIMMERMANN ENGINEERS, LLC

By: _____

JULIE HASTINGS, P.E., MBA (Date)
PRINCIPAL | REGIONAL MUNICIPAL MANAGER
COBB FENDLEY

Exhibit A – 2021 Hourly Rate Schedule

Division		Rate
Design	Principal	\$230
	Electrical Engineer	\$185
	Technology Design Consultant	\$180
	Mechanical Engineer	\$180
	Mechanical Designer	\$140
	Electrical Designer	\$150
	Plumbing Designer	\$135
	Construction Inspector	\$135
	Modeling Technician	\$120
Commissioning	Principal	\$230
	Project Manager	\$165
	Mechanical Engineer	\$180
	Electrical Engineer	\$185
	Field Technician	\$135
SCADA	SCADA Engineer	\$215
Administration	Clerical	\$95
	Accounting	\$140
Expenses	Cost plus 10% unless otherwise noted	
*Rates are subject to annual review.		