

AMENDMENT NO. 1
**TO THE AGREEMENT FOR CONSULTING SERVICES (DESIGN) FOR THE WEST
TEXAS UTILITY RELOCATION PROJECT**

On July 15, 2021, the City of Fairfield, a municipal corporation, hereinafter referred to as "CITY," and GHD ENGINEERS, hereinafter referred to as "CONSULTANT," entered into an agreement for consulting services for professional Consulting Services (Design) for the West Texas Utility Relocation Project.

Based upon the need for additional consulting work outside the scope of the agreement, the CITY and CONSULTANT do hereby agree to amend the existing AGREEMENT FOR CONSULTING SERVICES as follows:

WITNESSETH:

WHEREAS, CITY desires to contract for certain consulting work necessary for the design work necessary for the preparation of construction documents and provide construction assistance support for the West Texas Utility Relocation Project, and for the purposes of this Agreement shall be called "PROJECT;" and

WHEREAS, CONSULTANT is providing design services for the PROJECT; and

WHEREAS, CONSULTANT has been requested to complete extra design work for the PROJECT; and

WHEREAS, CONSULTANT is willing and qualified to provide design services for PROJECT.

NOW, THEREFORE, in consideration of the mutual promises, covenants and agreements herein set forth, the parties do hereby agree as follows:

1. Section 1, SERVICES, of the AGREEMENT, shall be amended to include "Exhibit A1" to this Amendment.
2. Section 2, PAYMENT of the AGREEMENT, shall be amended as follows:
 - a. For those services described in Section 1, compensation shall be on a time and material basis increasing the maximum fee by ONE HUNDRED SEVEN THOUSAND FOUR HUNDRED SIXTY-FIVE DOLLARS (\$107,465.00), per the included "Exhibit A1" to this Amendment, to a maximum fee not to exceed, SEVEN HUNDRED TWO THOUSAND TWO HUNDRED FOURTEEN DOLLARS (\$702,214.00).

WHEREOF, the parties hereto have executed this Amendment on the ____ day of
____ 20____.

CITY OF FAIRFIELD
a municipal corporation (CITY)

Stefan T. Chatwin, City Manager

GHD ENGINEERS (CONSULTANT)



Steve McHaney, Technical Director



EXHIBIT A1

August 31, 2021

Ref: 11230309

Mr. Paul Kaushal, Public Works Director/City Engineer
City of Fairfield
1000 Webster Street
Fairfield, CA 94533

Original Sent Via Email

Re: Amendment No. 1 – West Texas Utility Relocation Project Additional Engineering Services Consultation Services Agreement Dated July 15, 2021, Exhibit A, Resolution NO. 2021-144

Dear Paul:

We understand the City would like to separate the water and sewer portions of the West Texas Utility Relocation project into two separate bid packages to be constructed over two separate seasons. GHD's original scope and budget was based on one set of design plans and one construction project. While there is an economy of scale in preparing two separate design projects simultaneously, it requires more engineering effort than preparing a single design project and hence GHD will need to provide additional services to separate the designs and provide construction and support for the projects individually.

GHD, Inc. (GHD) is pleased to submit this Fee Proposal to the City of Fairfield to separate the two projects and provide the necessary additional project management and coordination, prepare two separate sets of bid ready plans and specifications, provide bid period services and engineering support during construction for two separate projects as well as providing and project closeout for each project.

The overall schedule goal from the original proposal has changed. The sewer is proposed to be constructed in 2022 and the water is proposed to be constructed in 2023.

SCOPE OF SERVICES

The scope of services under this amendment is organized by the tasks developed for the original scope and highlights the changes by task as summarized below. A breakdown of the hours required to complete the additional work is summarized in the attached Fee Estimate spreadsheet. The descriptions of the tasks below describe the changes in the scope necessitated by dividing the project into two separate bid packages. Please refer to the original scope for a more detailed description of each task as generally required to complete the work.

Task 1 – Additional Project Management and Coordination

This task includes additional support in relation to project administration, coordination, kick-off and review meetings, and quality control as stated in Exhibit A. Additional support for the above listed tasks will be required as the project duration will extend by approximately one year. The extended timeline and dividing the project into two biddable projects creates additional work for GHD.



Task 8 – Additional Engineering to Prepare Bid Ready Plans and Specifications

GHD will prepare bid ready construction design drawings and technical specifications necessary to issue the project for bidding and construction for two separate construction projects. GHD will prepare the sewer project design documents first, with an anticipated bid date in April of 2022, and will follow with the preparation of the water design documents, with an anticipated bid date of January 2023.

Separating the water and sewer utility work into two bid projects creates additional work in relation to the development of bid ready plans and specifications.

Task 9 – Additional Bid Period Services Support

Dividing the project into two bid packages requires a separate bidding process for each package. Under this task GHD will provide bid period services for each project separately, rather than as a single project as originally scoped.

Task 10 – Additional Office Engineering Support during Construction

With two separate construction projects, GHD will provide additional engineering support to cover the additional construction project over a separate construction season.

Task 11 – Additional Project Closeout Support

Each of the two construction projects will have its own closeout process. Under this task GHD will provide additional support for project closeout. This will include preparation of a separate set of record drawings and other project closeout documents.

SCHEDULE

GHD proposes to complete the tasks associated with this project according to the following schedule:

- Geotechnical Field Investigation: Week of September 13, 2021
- Draft Geotechnical Letter Report: Week of October 11, 2021
- Potholing: Week of September 13, 2021
- 60% Design Submittal Sewer: Week of December 27, 2021
- 90% Design Submittal Sewer: Week of February 21, 2022
- 100% Design Submittal Sewer: Week of April 11, 2022
- Put Sewer Project out for Public Bidding: Week of April 25, 2022
- 60% Design Submittal Water: Week of August 15, 2022
- 90% Design Submittal Water: Week of October 10, 2022
- 100% Design Submittal Water: Week of December 12, 2022
- Put Water Project out for Public Bidding: Week of January 16, 2023

GHD will commence the additional work outlined above after receiving the executed contract amendment from the City.



PROFESSIONAL SERVICE FEE

As requested, GHD proposes to complete the Additional Engineering Services - Scope of Work outlined above as described in the table below and Attachment – Fee Estimate Schedule.

Task	Fee Allowance
Task 1: Additional Project Management and Coordination	\$13,857
Task 8: Additional Engineering to Prepare Bid Ready Plans and Specifications	\$33,898
Task 9: Additional Bid Period Services Support	\$11,076
Task 10: Additional Office Engineering Support During Construction	\$29,760
Task 11: Additional Project Closeout Support	\$18,874
TOTAL	\$107,465

CLOSING

We appreciate the opportunity to submit this proposal amendment and look forward to working with you. Please feel free to contact me at 707-540-9689 or email me at matt.wargula@ghd.com, should you have any questions about our proposal.

Sincerely,
GHD Inc.

A handwritten signature in black ink that reads "Matt Wargula". The signature is written in a cursive, flowing style.

Matt Wargula P.E.

Project Director
(707) 540-9689

Attachment: Fee Estimate Spreadsheet

PROJECT FEE ESTIMATING SHEET																			
Project Name: West Texas Utility Relocation Project - Amendment No. 1															Client: City of Farfield				
Prepared by: Steve McHaney															Date: August 24, 2021				
Reviewed by: Matt Wargula																			
Job Number: 11226371.00																			
TASKS		LABOR HOURS & COSTS														FEE COMPUTATION			
LABOR CATEGORY > Task / Item	Proj. Dir. / QA/QC	Project Manager	Project Engineer	Staff Engineer	Boring Specialist	Structural Engineer	Hydraulic Engineer	Constr. Engineer	CAD / Graphics	PW Field	Staff Surveyor	2-Person Crew	Admin	PA	TOTAL HOURS	Direct Labor Cost	*General Associated Project Cost (APC)	Sub- Consul- tants	TOTAL FEE
	RATE > \$255 /Hr	\$195 /Hr	\$170 /Hr	\$135 /Hr	\$235 /Hr	\$195 /Hr	\$155 /Hr	\$155 /Hr	\$135 135	\$175 /Hr	\$175 /Hr	\$305 /Hr	\$85 /Hr	\$95 /Hr					
Task 1 - Project Management and Coordination During Design																			
1.1 Internal Coordination and Administration	4	8	8										8		28	\$4,620	\$182		\$4,802
1.2 Project Meetings	4	8	8										4		24	\$4,280	\$156		\$4,436
1.3 Constructability Review and QA/QC	2	4	4					16							26	\$4,450	\$169		\$4,619
SUBTOTAL TASK 1	10	20	20	0	0	0	0	16	0	0	0	0	12	0	78	\$13,350	\$507	\$0	\$13,857
Task 8 - Bid Ready Plans and Specifications																			
60% Plans, Specifications, and Estimate	6	8	8	8	4	4		4	60				4		106	\$16,310	\$689		\$16,999
60% Plans, Specifications, and Estimate	6	4	4	4	1	4		4	40				2		69	\$10,735	\$449		\$11,184
100% Final Plans, Specifications, and Estimate	2	4	4	4	1	2		2	10				8		37	\$5,475	\$241		\$5,716
SUBTOTAL TASK 8	14	16	16	16	6	10	0	10	110	0	0	0	14	0	212	\$32,520	\$1,378	\$0	\$33,898
Task 9 - Bid Period Services																			
9.1 Advertise for Bid and Submission to Builder's Exchange	1	4	4										4		13	\$2,055	\$85		\$2,140
9.2 Prebid Walkthrough	2	8	4										4		18	\$3,090	\$117		\$3,207
9.3 Prepare Addenda	2	8	4						4				4		22	\$3,630	\$143		\$3,773
9.4 Bidding and Award	1	4	4										2		11	\$1,885	\$72		\$1,957
SUBTOTAL TASK 9	6	24	16	0	0	0	0	0	4	0	0	0	14	0	64	\$10,660	\$416	\$0	\$11,076
Task 10 - Office Engineering Support During Construction																			
10.1 Project Management and QA/QC During Construction	8	8	8										4		28	\$5,300	\$182		\$5,482
10.2 Technical Submittal Reviews	8	12	12										8		40	\$7,100	\$260		\$7,360
10.3 Technical Request for Information Reviews	8	12	12										8		40	\$7,100	\$260		\$7,360
10.4 Assistance with Change Order Reviews	8	12	8					12	12						52	\$9,220	\$338		\$9,558
SUBTOTAL TASK 10	32	44	40	0	0	0	0	12	12	0	0	0	20	0	160	\$28,720	\$1,040	\$0	\$29,760
Task 11 - Project Closeout																			
11.1 Collaborate with project Inspector and Construction Mana	4	8	8												20	\$3,940	\$130		\$4,070
11.2 Record Drawings	2	6	6						60						74	\$10,800	\$481		\$11,281
11.3 Notice of Completion	1	2	2												5	\$985	\$33		\$1,018
11.4 Compile Documentation	1	4	4										8		17	\$2,395	\$111		\$2,506
SUBTOTAL TASK 11	8	20	20	0	0	0	0	0	60	0	0	0	8	0	116	\$18,120	\$754	\$0	\$18,874
PROJECT TOTALS	70	124	112	16	6	10	0	38	186	0	0	0	68	0	630	\$103,370	\$4,095	\$0	\$107,465

*GENERAL ASSOCIATED PROJECT CHARGES include telephone, mileage, printing, photocopies and other miscellaneous direct expenses.