

WORK AUTHORIZATION NO. 2
PROJECT: Smith Branch City of Georgetown Water Line Relocation

This Work Authorization is made pursuant to the terms and conditions of the Williamson County Contract for Engineering Services, being dated July 22, 2025 and entered into by and between Williamson County, Texas, a political subdivision of the State of Texas, (the "County") and Cobb, Fendley & Associates, Inc. (the "Engineer").

Part 1. The Engineer will provide the following Engineering Services set forth in Attachment "B" of this Work Authorization.

Part 2. The maximum amount payable for services under this Work Authorization without modification is \$104,839.00.

Part 3. Payment to the Engineer for the services established under this Work Authorization shall be made in accordance with the Contract.

Part 4. This Work Authorization shall become effective on July 7, 2025, upon final acceptance and full execution of the parties hereto and shall terminate on December 31, 2026. The Engineering Services set forth in Attachment "B" of this Work Authorization shall be fully completed on or before said date unless extended by a Supplemental Work Authorization.

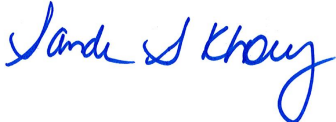
Part 5. This Work Authorization does not waive the parties' responsibilities and obligations provided under the Contract.

Part 6. This Work Authorization is hereby accepted and acknowledged below.

EXECUTED this ____ day of _____, 20__.

ENGINEER:

Cobb, Fendley & Associates, Inc.

By: 

Sandra G. Khoury, P.E.

Printed Name

Executive Vice President

Title

September 9, 2025

Date

COUNTY:

Williamson County, Texas

By: _____
Signature

Printed Name

Title

Date

LIST OF ATTACHMENTS

Attachment A - Services to be Provided by County

Attachment B - Services to be Provided by Engineer

Attachment C - Work Schedule

Attachment D - Rate Schedule

ATTACHMENT A

SERVICES TO BE PROVIDED BY COUNTY

Williamson County and/or its Designated Representative(s) will provide project direction, review and oversight of utility design and engineering services for all Road and Bridge Projects and will provide all project related design files, topographic survey and right-of-way data to assist with coordination efforts.

Williamson County and/or its Designated Representative(s) will negotiate and secure Interlocal Agreements (ILA), when applicable, and provide copies to Utility Coordinator upon execution.

Proposed Scope of Services

Smith Branch Flood Control – City of Georgetown Water Relocations

CobbFendley will provide design, bid, and construction phase services for the installation of approximately 400 linear feet of 10" water main, 100 linear feet of 20" steel encasement installed via open trench, required appurtenances, water structure adjustments, and connections to the existing 10" water lines associated with the construction of the Smith Branch Flood Control project in Williamson County. This scope assumes that the water/wastewater plans will be included in the PS&E for the roadway and drainage plans, joint bid with the roadway and drainage plans, and constructed by the roadway and drainage Contractor. Below is a detailed scope of services.

I. Design Phase

During the Design Phase, CobbFendley will prepare plans and compile specifications for the construction of the water and wastewater utility relocations and adjustments. Below is a detailed scope of services. If relocations in addition to the ones labeled on the attached strip map are identified, an additional services proposal will be prepared to perform the necessary relocation design work. This proposal assumes that CobbFendley will prepare erosion controls for the water relocations. The design phase assumes a preliminary design workshop meeting, followed by 90% and 100% submittals to City of Georgetown.

A. Preliminary.

1. Kickoff meeting. Meet with City, County, utility coordinator for project kickoff.
2. Gather and analyze data. Obtain plans and electronic files for roadway and topographical information. This scope assumes that survey information and data for relocations and adjustments located within the ROW will be provided by the roadway engineer and that it is adequate for design. This scope assumes that any additional survey necessary to design relocations and adjustments located outside of the ROW will be performed by others and provided to CobbFendley.
3. Coordinate with the City on relocations. Includes one (1) coordination meeting with the City.
4. Preliminary Design Workshop Meeting. CobbFendley will prepare a preliminary design exhibit with alignment alternatives to present to the City of Georgetown in a preliminary design workshop meeting. Discussions from this meeting will be incorporated into the official 90% submittal. Exhibit will be plan layouts with no profiles. CobbFendley will perform a quantity take-off and prepare a cost estimate for the alignment alternatives.

B. Plans. CobbFendley will prepare design plans at 90% and 100% completion. 90% and 100% plans will be officially submitted to City of Georgetown for review. We anticipate the following sheets to be included in our design set.

1. Cover sheet. (1 Sheet)
2. General Notes. Assemble a set of general notes using City of Georgetown and TCEQ standards. (2 Sheets)
3. Summary of Quantities (1 Sheets). Prepare a summary of quantities sheet. Full quantities will be included in the 90% and 100% submittals.
4. Overall Layout Sheet (1 Sheet). Prepare an overall reference sheet to scale.
5. Erosion and Sedimentation Control Sheets (1 Sheet). Prepare 11"x17" erosion and sedimentation control plan sheets at 90% and 100% submittals. Assumes 1 sheet.
6. Plan and Profile (1 Sheet). Prepare plan and profile sheets at 90% and 100% submittals for the proposed relocations at a scale of 1" = 40' on 11"x17" plan sheets, with a true half size. Assumes 1 sheet.
7. Restrained Joint Calculations (1 Sheet). Perform restrained joint calculations and include a table of required lengths calculated in the plans. Assumes 1 sheet.
8. Detail Sheets (2 sheets). Prepare detail sheets showing standard construction details and special, project-specific details. Assumes 2 sheets.

Note: This scope assumes that environmental clearance required for new easements, if applicable, will be handled by others. This scope assumes that additional survey needed for relocations outside of the right-of-way will be coordinated with and performed by others. This scope assumes that traffic controls for the water and wastewater utility relocations, if necessary, will be designed by others.

C. Specifications. CobbFendley will assemble standard technical specifications to be included in the roadway contract documents. A full set of utility specifications required will be provided with the 90% and 100% submittals for the water line relocations. City of Georgetown and City of Austin standard technical

specifications will be used for this project. This scope assumes that front end/contract documents will be prepared by others.

- D. Quantity Take-Off/Cost Estimate/Bid Form. CobbFendley will perform a quantity take-off and prepare a cost estimate at the 90%, and 100% submittals. Bid items to be included in the bid form prepared by GEC.
- E. QA/QC. CobbFendley will perform internal quality control reviews on the plans and specifications prior to each submittal to City of Georgetown.
- F. Prepare 2 submittal packages. CobbFendley will assemble plans and specifications and submit to City of Georgetown for review. This scope assumes there will be a 90% and 100% Final Bid Set submittal. CobbFendley will electronically provide 11"x17" size plans and specifications for each submittal.
- G. Respond to comments. CobbFendley will review comments provided by the City of Georgetown and prepare a written response to the comments for inclusion with the subsequent submittal.
- H. Coordination/Review meetings (2). This includes scope coordination for the project and two (2) submittals to City of Georgetown for their review and approval. If the correspondence, meetings, and revisions required by the City exceeds the number of meetings listed in this scope of services, then additional services will be required.
- I. Approvals. Coordinate with City of Georgetown to obtain required approvals for construction. This scope assumes that permits will be obtained by others.
- J. Project Management. This proposal assumes a three (3) month design schedule.

II. Bid Phase

CobbFendley will provide limited assistance in the bidding of the project. This scope assumes that the utility relocation and adjustment bid items will be included in the roadway project bid and CobbFendley will provide assistance as related to water and wastewater relocations and adjustments only. This scope also assumes that the Owner will engage a bidding assistance center for the distribution and management of plans during bid phase. Distribution of plans and maintenance of a plan holders list is not included in this scope. Below is a detailed scope of services for bid phase:

- A. Attend pre-bid conference. Meeting agenda and minutes prepared by others.
- B. Respond to contractor's questions during bidding process.
- C. Prepare addenda (assume 1) to address contractor questions. Distribution will be handled by others.

The following items are not included in bid phase services:

- A. Review bid tabs.
- B. Review contractor recommendation.

III. Construction Phase

CobbFendley will provide limited construction administration and observation assistance to the project and City of Georgetown. This scope does not include inspection services. This scope assumes construction duration of six (6) months. All scopes of services in this scope are related to water and wastewater utility relocations only. Below is a detailed scope of services for construction phase:

- A. Attend preconstruction meeting.
- B. Attend three (3) meetings when utility adjustments are in process.
- C. Attend periodic site visits. Assume two (2) site visits (not coincident with progress meetings). If additional visits are required, then this will result in additional services.
- D. Review project submittals/shop drawings. CobbFendley will review each submittal up to two (2) times. 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. This scope assumes fifteen (15) submittals.
- E. Respond to Requests for Information (RFI). CobbFendley will coordinate with City of Georgetown and the Contractor on RFIs and respond with clarifications as needed. This scope assumes five (5) RFIs.
- F. Change Orders. CobbFendley will assist in negotiation and preparation of change order documents, should they be necessary. This scope assumes two (2) change orders.
- G. Project Close Out. CobbFendley will assist with closing out the contract, reviewing final pay application and affidavits, and preparing a Concurrence Letter.
- H. Record Drawings. CobbFendley will prepare a set of record drawings based on Contractor's redlines in the field. Record drawings will be provided to the City electronically.

- I. Project Management. This proposal assumes a six (6) month construction schedule.

The following items are not included in construction phase services:

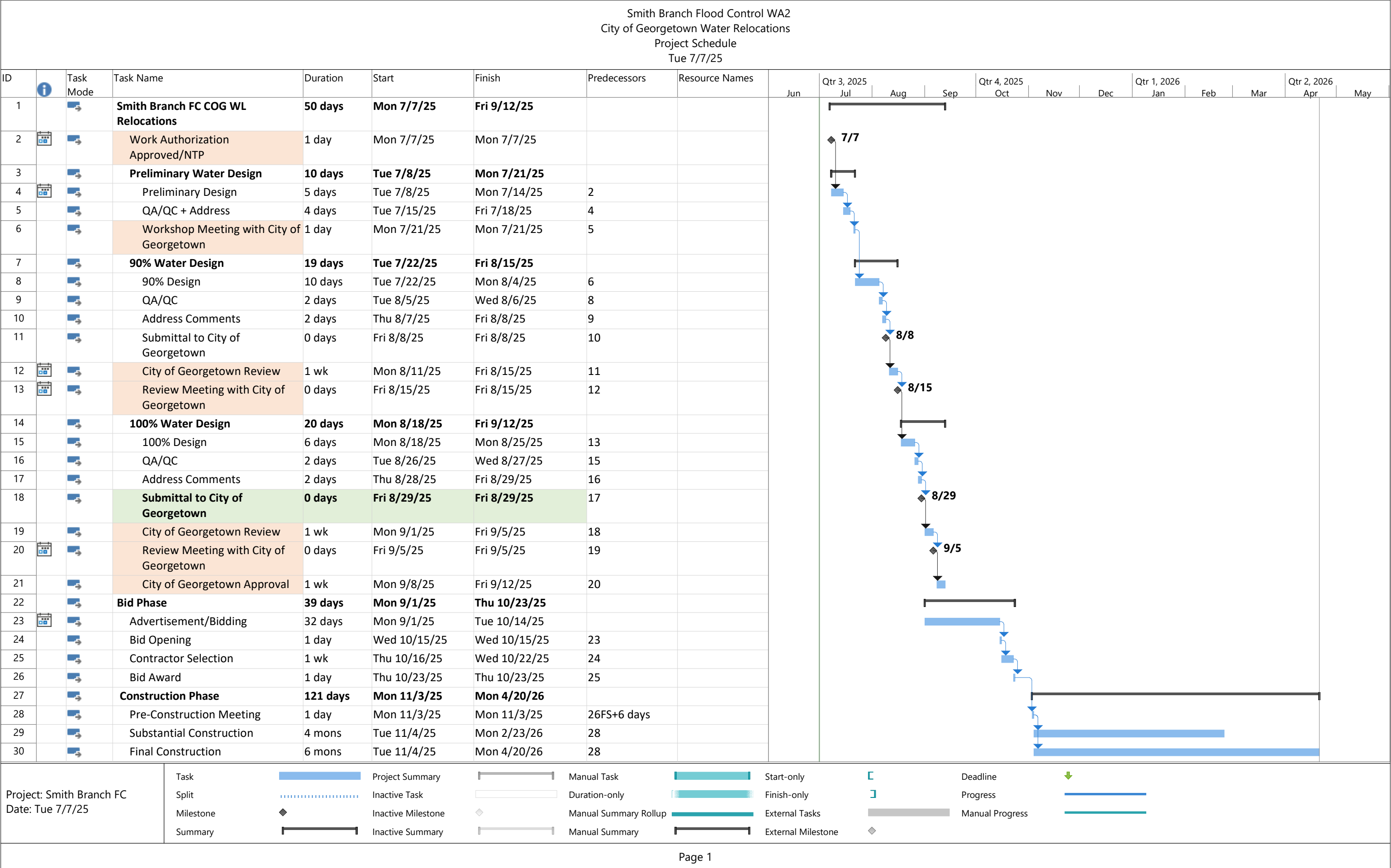
- A. Review of pay estimates.
- B. This Construction Phase Services assumes that one project inspector amongst the stakeholders will be assigned and there will not be coordination amongst the various stakeholders during construction.
- C. Final Walk Through and Punch List.

CobbFendley proposes to perform these services as summarized below.

Total Fee Estimate

Task	Labor	Expense	Total Fee
Design	\$56,695.00	\$389.00	\$57,084.00
Bid	\$8,900.00	\$65.00	\$8,965.00
Construction	\$38,275.00	\$515.00	\$38,790.00
Total	\$103,870.00	\$969.00	\$104,839.00

ATTACHMENT C - WORK SCHEDULE



Page 1

ATTACHMENT D - FEE SCHEDULE

Smith Branch Flood Control
City of Georgetown Water Line Relocations

		Hours						Expenses			
		\$260.00 per hour	\$215.00 per hour	\$195.00 per hour	\$152.00 per hour	\$150.00 per hour	\$0.700 per mile	\$15.000 per each	\$0.150 per sheet		
	Task	Proj Mgr II	Proj Mgr I	Engr II	Grad Engr II	Coordinator II	Mileage	Delivery	Copies	Total Hours	Total Budget
	Design Phase										
A	Preliminary										
A1	Kickoff meeting		2	2						4	\$820.00
A2	Gather and analyze data.		8	16			140			24	\$4840.00
A3	Coordination meeting with City	2	2	2						6	\$1340.00
A4	Preliminary Design Workshop Meeting	2	8	16						26	\$5360.00
B	Plans									0	\$0.00
B1	Cover (1 Sheet)		2	3						5	\$1015.00
B2	General Notes (2 Sheets)			2						2	\$390.00
B3	Summary of Quantities (2 Sheets)		4	8						12	\$2420.00
B4	Overall Layout (1 Sheet)			4						4	\$780.00
B5	Erosion and Sedimentation Controls (1 Sheet)		3	12						15	\$2985.00
B6	Plan and Profile (1 Sheet)		8	20			280			28	\$5620.00
B7	Restrained Joint Calculations (1 Sheets)		8	16						24	\$4840.00
B8	Detail Sheets (2 Sheets)		3	3						6	\$1230.00
C	Specifications		8	16						24	\$4840.00
D	Quantity Take-Off/Cost Estimate/Bid Form		1	2						3	\$605.00
E	QA/QC	3	11	5						19	\$4120.00
G	Submittal Packages (2)		2	2						4	\$820.00
H	Respond to Comments		2	4						6	\$1210.00
I	Coordination/Review Meetings (2)	4	4	4						12	\$2680.00
J	Approvals		2	3						5	\$1015.00
K	Project Management	6	30	9						45	\$9765.00
	Hour Sub Total	17	108	149	0	0	420	0	0	274	
	Subtotal Labor Costs	\$4,420.00	\$23,220.00	\$29,055.00	\$0.00	\$0.00	\$294.00	\$0.00	\$0.00		\$56,695.00
	Subtotal Expense Costs	\$389.00									
	Bid Phase										
A	Attend pre-bid conference		2	6			88			8	\$1,600.00
B	Respond to contractors' questions	2	4	8						14	\$2,940.00
C	Prepare Addenda (1)	2	6	10		4				22	\$4,360.00
	Hour Sub Total	4	12	24	0	4	88	0	0	44	
	Subtotal Labor Costs	\$1,040.00	\$2,580.00	\$4,680.00	\$0.00	\$600.00	\$61.60	\$0.00	\$0.00		\$8,900.00
	Subtotal Expense Costs	\$65.00									
	Construction Phase										
A	Attend preconstruction meeting		2	2			88			4	\$820.00
B	Attend Progress Meetings (3)		6	6			420			12	\$2,460.00
C	Site Visits (2)		4	4			140			8	\$1,640.00
D	Review Submittals (15)	4	12	23						39	\$8,105.00
E	Respond to RFIs (5)	2	10	20						32	\$6,570.00
F	Change Orders (2)	4	12	16						32	\$6,740.00
G	Project close-out		6	12						18	\$3,630.00
H	Record drawings	4	2	4						10	\$2,250.00
I	Project Management	3	12			18				33	\$6,060.00
	Hour Sub Total	17	66	87	0	18	648	0	0	188	
	Subtotal Labor Costs	\$4,420.00	\$14,190.00	\$16,965.00	\$0.00	\$2,700.00	\$453.60	\$0.00	\$0.00	\$0.00	\$38,275.00
	Subtotal Expense Costs	\$515.00									
								Fee Estimate			
								Task	Labor	Expense	Total Fee
								Design	\$56,695.00	\$389.00	\$57,084.00
								Bid	\$8,900.00	\$65.00	\$8,965.00
								Construction	\$38,275.00	\$515.00	\$38,790.00
								Total	\$103,870.00	\$969.00	\$104,839.00