



November 14, 2023

Mr. Kevin Padgett

Public Works Director  
City of Seabrook  
1100 Red Bluff  
Seabrook, Texas 77586

Re: Proposal for Engineering Services  
**Seabrook Water Supply Feasibility**  
CobbFendley Project No. \_\_\_\_\_

Dear Mr. Padgett:

Cobb, Fendley & Associates, Inc. (CobbFendley) is pleased to submit this proposal to provide Engineering Services for Seabrook Water Supply Feasibility for the City of Seabrook, Texas. CobbFendley proposes to provide the Scope of Services and Compensation as outlined in the attached Exhibit A.

Thank you for the opportunity to submit this proposal. Please advise if you have any questions or require additional information.

Sincerely,

COBB, FENDLEY & ASSOCIATES, INC.

Amber Hurd, P.E.  
Vice President, Department Manager

Attachments

This proposal accepted by:

CITY OF SEABROOK, TEXAS

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Print Name

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date of Authorization

**EXHIBIT A**  
**SCOPE OF SERVICES & COMPENSATION**  
Cobb, Fendley & Associates, Inc.  
Proposal for Professional Engineering Services  
Seabrook Water Supply Feasibility

**Background**

The City of Seabrook is in need of a more cost efficient solution to providing a projected 4.5MGD (20k Population) of raw water supply. The purpose of this effort is to investigate the feasibility of one (1) potential take point at the City of Houston Southeast Water Plant (SEWP) from two (2) potential water suppliers City of League City and Gulf Coast Water Authority (GCWA). This effort will include a preliminary high level routing of water transmission main from the SEWP to the yet to be determined Water Plant location ground storage tanks in Seabrook. Pumping stations may be required for each option and will be investigated as part of this effort. The intent is to provide a high level approach to determine a probable path forward into Preliminary Engineering from one or more suppliers presented in this investigation.

**Scope of Services**

The specific tasks to be performed by CobbFendley in conjunction with this project are limited to the following:

**1. Water Supply Feasibility:**

- Determine and confirm the City of Seabrooks water supply capacity needs for future development.
- Conduct preliminary meetings with representatives from League City and Gulf Coast Water Authority. Determine if the water suppliers are able to supply water capacity to meet City of Seabrooks needs.
- Obtain available information on potential water supply connection points from potential new water suppliers.
- Determine the appropriate water main size to provide 4.5MGD from take points to City of Seabrook ground storage tank site.
- Prepare preliminary mapping of the water main routes and highlight potential construction constraints.
- Coordinate with Seabrook staff and apprise of findings and analysis of the routes to obtain additional input that may be helpful.
- Prepare high level recommendation for pumping systems. Pumping systems will include providing water from the take points to Seabrook ground storage tank.

- Evaluate time and cost considerations for the water main route.
- Prepare an engineering memo which will include:
  - Synopsis of the water suppliers feasibility efforts.
  - Exhibits showing locations of potential take points and water supply lines
  - Cost estimates for design and construction of the proposed options.
  - Design and construction schedules for the proposed options.
- Provide electronic (pdf) copies of the memo to City for comments.
- Incorporate appropriate comments and corrections from City's review.
- Provide electronic (pdf) and hard copies (if required) of the final engineering memo.

### **Exclusions from the Scope of Services**

Specific items excluded from this proposal are as follows, and CobbFendley shall have no responsibility to perform any of these services.

1. Design Analysis
2. Design Plan Drawings
3. Surveying
4. Geotechnical Investigation
5. Environmental Engineering
6. Subsurface Utility Engineering (SUE)
7. Water Plant Pilot Study
8. Desalination Option
9. Hydraulic Modeling
10. Any service not specifically listed in the Scope of Services

### **Schedule**

This work involves scheduling meetings with various water supply entities, it is anticipated that the work will be completed within **90 calendar days** from date of Notice-To-Proceed (NTP), however CobbFendley will endeavor to keep the City apprised on the schedule as it develops. Monthly status reports will be provided to customer.

**Compensation**

CobbFendley proposes to perform the described Scope of Services for the following fees:

**BASIC SERVICES**

- 1. Water Supply Feasibility – (Hourly Not to Exceed)
  - a. Phase 1 (Determination of Water Supplies &Take Points).....**\$24,495.00**
  - b. Reimbursable Expenses (Reproduction, mileage, etc.) .....**\$500.00**
  
- TOTAL..... \$24,995.00**

The Compensation for any other Supplemental Services which the City desires to be added to the Scope of Services of the project shall be negotiated. Reimbursable items are included. Subconsultant invoices, if apart of this proposal, will be subject to a 10% administration charge. Services will be charged according to those personnel directly involved in providing the service and will be rounded to the nearest half hour.

This proposal/supplement is in accordance with the Terms and Conditions outlined in the Professional Services Agreement executed on October 11, 2004 between the City of Seabrook and CobbFendley.

**SEABROOK WATER SUPPLY FEASIBILITY STUDY**  
**Manhour / Fee Estimate**

TASK	DESCRIPTION	PRINCIPAL	SR PROJ	PROJ	PROJ	TECH III	CLERICAL	TOTAL
			MGR	ENGR III	ENGR I			
		\$ 330.00	\$ 275.00	\$ 250.00	\$ 142.00	\$ 121.00	\$ 91.00	
A	Kickoff Meeting		2		4			6
B	Water Capacity Analysis		1		2			3
C	Meetings with Water Suppliers	2	6		6			14
D	Determine Water Main Sizing		2		8			10
E	Analysis of Each Option	2	2		12			16
F	Cost Estimates and Timeframes		2		6			8
G	Prepare Project Routing Map		4		12	10		26
H	Prepare and Submit Draft Engineering Memo		6		24	4		34
I	Incorporate Comments		2		8	4		14
J	Finalize Engineering Memo		2		8	2		12
		4	29	0	90	20	0	143
	<b>TOTAL</b>							<b>\$24,495.00</b>