

EXHIBIT “F-1”
CONTRACT AMENDMENT

Article 1
Execution

- 1.01 The County executes this Agreement by and through the County Judge acting pursuant to Order of the Commissioners Court of Brazoria County, Texas, so authorizing. This Agreement shall not become effective until executed by all Parties hereto.

Article 2
Character and Extent of Services

- 2.01 The Consultant shall perform its obligations under this Contract Amendment in accordance with the original Scope of Work and any additional Scope of Work within the Consultant’s proposal attached hereto as **Exhibit “F-1.”** County and Consultant may agree to amend this contract. Any further amendments to this contract will be added as **“Exhibit F-1”** (F-1, F-2, etc.).

Brazoria County, Texas

HDR Engineering, Inc.
a Nebraska company

By: _____

L.M. (Matt) Sebesta, Jr
County Judge

Date: _____

By: _____

David C Weston
Vice President

Date: _____



June 27, 2025

Mr. Matt Hanks, JD, PE
County Engineer
Brazoria County
451 N Velasco, Suite 230
Angleton, Texas 77515

**Re: Proposal for Professional Engineering Services
Survey for Brazoria County Detention Facility Water Supply**

Dear Mr. Hanks:

HDR Engineering, Inc. (HDR) is pleased to submit this proposal for professional engineering services to perform a Survey for the Brazoria County Detention Facility Water Supply. The proposal is based on our understanding of the project from discussions with Brazoria County staff. For your convenience, this proposal consists of Project Understanding, Scope of Services, Fee Summary, and Schedule.

PROJECT UNDERSTANDING

Brazoria County (the County) operates the Brazoria County Detention Facility Campus (Campus) located north of the City of Angleton. Currently, the campus is supplied by groundwater from a well located on site that is owned and operated by the County.

The County has met with the City of Angleton and discussed the possibility of the City providing water service to meet current and future demands at the Campus. The City is open to the possibility and is working internally on identifying available water capacity to meet these demands.

The County has requested HDR provide a proposal with a scope of services to survey the proposed water line alignment beginning at the intersection of FM 523 and County Road 48 to the existing water tank located on the west side of its campus. This alignment is approximately five (5) miles long (See Attachment "A").

SCOPE OF SERVICES

I. SURVEY SERVICES

A. Project Management and QA/QC

HDR will perform project management activities under this task, including coordination, scheduling, budgeting, and accounting, and will complete quality assurance/quality control (QA/QC) reviews of work products.

B. Survey Control

This project will establish four Primary Control points along the route based on the Texas State Plane Coordinate System, NAD 83(2011), and NAVD 88, 2011 adj. The project control will be tied vertically to the nearest Brazoria County monument, if available. These four control points will serve as the basis for all field data collection. An overall Control map for the project as well as individual monument recovery sheets signed and sealed by a Registered Professional Land Surveyor for each control point will be delivered as part of the final deliverable package.

C. Existing ROW Maps

Surveyor will locate sufficient ROW monuments and other boundary evidence to establish the apparent ROW lines of both County Road 45 and County Road 48. These ROW lines will be depicted on the final mapping deliverables for the project. The ROW survey will comply with the accuracies specified for a TSPS Category 1B, Condition 3 Land Survey.

D. Topographical Survey

HDR will provide topographic surveys that will conform to the standards and accuracies specified by TSPS for Category 6, Condition 1 surveys. The project consists of approximately 22,850 linear feet of 60 feet wide ROW for County Road 45 and County Road 48, 2,160 linear feet of 40 feet wide Easement, and 260 linear feet of 200 feet wide ROW for FM 523 for an approximate total of 25,270 linear feet of proposed waterline route (See Exhibit A). The survey will include:

- Detailed Topographic survey of the intersection of County Road 48 with FM 523
- Detailed Topographic survey of the intersection of County Road 48 with County Road 45
- Detailed Topographic survey of the intersection of County Road 45 with 40 feet wide Easement
- Topographic survey of approximately 22,850 linear feet of County Road 48 and County Road 45.
- Topographic survey of approximately 2,160 linear feet of 40 feet wide Easement from County Road 45 to the existing water plant site.
- Topographic survey of the existing water plant site with elevations and location of all above ground appurtenances. HDR to provide City of Angleton information regarding existing site utilities and improvements. HDR to provide information regarding existing City Force Main along the entire project route.

Topographic Surveys will consist of full design surveys from ROW line to ROW line and will include elevation cross sections at 100 feet intervals, all physical features within the existing ROW lines such as fence lines, buildings, structures, signs, power poles, curbs, driveways, water meters, manholes, pedestals, ponds, light poles, traffic poles and signals, mail boxes, culverts, bridges, visible pipeline crossings and other visible appurtenances of underground lines.

The survey will provide flowline elevations of manholes with size of pipes and pipe material and all drainage infrastructure including flowline elevations and size and type of ditch culverts. MBOCO Survey will call 811 Locators to mark the location of underground utility lines and pipelines within the road rights-of-way and will survey in their marks and provide the data for SUE evaluation.

E. Level C SUE Services

To provide a complete set of background information for future design services, Level C SUE services will be performed on this project. This service includes:

- TX 811 design tickets to obtain a list of utility members within the project limits
- Utility Records Research
- Draw a utility schematic plan view drawing in AutoCAD
- Provide a utility contact list (UCL)

F. ADDITIONAL SERVICES

Additional Services shall only be performed when directed by the County to HDR. These services are not considered normal or customary engineering services.

- Services resulting from significant changes in the extent of the project or its design including but not limited to changes in size, complexity, the County's schedule, or character of construction or method of financing; and revising previously accepted

studies, reports, design documents or Contract Documents when such revisions are due to causes beyond HDR's control.

- Preparing to serve or serving as a consultant or witness for the County in any litigation, public hearing or other legal or administrative proceedings involving the Project.
- HDR will endeavor to appraise the County of any potential additional or extended services that may result from the above-listed items, prior to HDR's expenditure of time on such services. As previously noted, any such extended or additional services shall only be performed when directed by the County to HDR.

FEE SUMMARY

Design Phase Services

Topographical Survey Services (Cost +10%):	\$ 159,200
Level C Sue Services (Cost +10%):	\$ 55,000
Create Plan and Profile Drawing and Site Verification:	\$ 54,800
Total Fee:	\$ 269,000

SCHEDULE

HDR will complete the services listed above in twelve (12) weeks from when HDR receives the notice to proceed.

TERMS AND CONDITIONS

This project will be performed under Brazoria County's attached "Professional Services Agreement."

INVOICES

HDR will submit monthly invoices for all engineering work completed to invoice date. The invoices for lump sum work will be based on a percentage of completion of each phase applied to the lump sum fee and based on the appropriate fee cost for work from our subconsultants. Time and materials charges and additional services beyond those described in the Scope of Services will be invoiced on the basis of direct labor costs times a factor of 3.18 and direct cost plus 10%. Mileage will be charged at prevailing IRS rates.

HDR appreciates the opportunity to submit this proposal, and we look forward to continuing our work with the County.

Sincerely,

HDR Engineering, Inc.



David C. Weston
Vice President

Acceptance: Please indicate acceptance of this letter agreement by affixing your signature or that of your authorized representative in the space below.

County of Brazoria, Texas

Authorized Signatory: _____

Printed Name: _____

Title: _____

Date: _____

Attachment "A"



Parcel (Brazoria County)

Proposed Easement (40', along property line)

Existing ROW to be Surveyed

Linear Footage to be Surveyed

40' ROW - 2,160'

60' ROW - 22,850'

200' ROW - 260'



