



June 20, 2017

Mr. Jeff Edmonds, P.E.  
Director of Engineering Services  
City of Corpus Christi  
P.O. Box 9277  
Corpus Christi, Texas 78469-9277

RE: A/E Recommendation for City of Corpus Christi Consideration for Driller Selection to Support Ongoing Corpus Christi Aquifer Storage and Recovery Feasibility Study (E16265)

Dear Mr. Edmonds:

In July 2016, the City of Corpus Christi accepted a grant from the Texas Water Development Board and appropriated funding to support the Corpus Christi Aquifer Storage and Recovery (ASR) Feasibility Study (E16265) for a total project of \$1,857,708 which includes drilling services pursuant to TWDB Contract No. 1600011956.

We have reviewed the bids from four (4) bidders, which were opened on May 10, 2017, for exploratory testing and drilling services. Please find enclosed a copy of the Tabulation of Bids summarizing the proposed bids from each of the four (4) bidders. A Statement of Experience was requested from the three low bidders.

At the City's request, HDR used the following criteria to evaluate bids, in accordance with 00 21 13-INVITATION TO BID AND INSTRUCTIONS TO BIDDERS, 00 30 00-BID ACKNOWLEDGMENT FORM, and 33 21 31-GRAVEL PACK WELLS specifications from bid document issued March 28, 2017:

- Bid price, included balance of unit price items
- Statement of Experience
- Demonstrated experience of bidder for comparable-type projects (per 00 45 16- ARTICLE 2.06)
- Evidence of bidders capacity to perform minimum requirements to complete work (per 00 45 16- ARTICLE 1 and 00 21 13- ARTICLE 14)

A detailed review of the written materials provided by the three lowest bidders was conducted by HDR, which included supplemental information provided by bidders at HDR request to enhance or supplement information provided in the Statement of Experience (per 00 45 16- ARTICLE 1.01). Additional information was received by bidders on June 13, 2017 to clarify our understanding of their experience related to scope of work items.

HDR evaluated the Bidders' demonstrated experience: (1) completion of water wells in the Gulf Coast Aquifer, (2) collection of formation samples with a core barrel tool and (3) construction of temporary wells for collection of water samples and testing of isolated formations in the Gulf Coast Aquifer. The above criteria are essential for quality control of testing and sampling of multiple aquifer intervals to produce high-quality, defensible, scientifically-driven results for evaluating the feasibility of ASR, which is the primary goal of the study.

The lowest bidder, Unison Drilling, is not recommended because of a failure of bidder to demonstrate comparable-type experience on similar sized projects (per 00 21 13 ARTICLE 24.02- K) and at least five similar projects within the last 5 years equal to or greater in size and magnitude than the current project (per 00 45 16 ARTICLE 2.06). Unison submitted five drilling projects executed within the last five years. However, after reviewing these projects and supplemental information provided by Unison, we deem that these projects are not comparable-type projects because none of the projects include drilling water wells in the Gulf Coast aquifer and none of the listed projects include performing interval testing on multiple, isolated aquifer formations (per 00 21 13 ARTICLE 02 AND 01 29 01 ARTICLE 1.03).

HDR recommends Felder Water Well & Pump Service LLC for the City's consideration and award of the Contract because they are the lowest responsive, responsible bidder. Felder has experience with comparable-type projects that include drilling, testing and collecting cores from the Gulf Coast Aquifer. Additionally, Felder expresses proficiency in removing casing and resetting for testing of multiple isolated intervals. We contacted selected project references listed by Felder and received favorable feedback.

Based on the information presented above, it is the recommendation of HDR Engineering that the subject project be awarded to Felder Water Well & Pump Service LLC for base bid items of \$776,340 and for alternate bid items up to \$174,400. The alternate items included on bid form provide a costing structure for additional work items based on field test results at City Staff and HDR discretion. In this case, total base bid and alternate items are not to exceed a total budget of \$950,740 for drilling activities without additional City appropriations.

Sincerely,

HDR Engineering, Inc.

A handwritten signature in blue ink, appearing to read 'Kristi Shaw', is written over the printed name.

Kristi Shaw, P.E.  
Project Manager

Enclosures