ADDENDUM NUMBER 2

TO

REQUEST FOR QUALIFICATIONS
RFQ # 2020-001

PROFESSIONAL SERVICES FOR EVALUATION OF
SUBSIDENCE IMPACTS ON SPRING CREEK WATERSHED

LISTED BELOW ARE THE RESPONSES TO QUESTIONS, CHANGES, ADDITIONS, AND/OR DELETIONS TO THIS SOLICITATION.

Issued by:

Michael Turco, General Manager

Date

NOTE: FIRMS ARE REQUESTED TO ACKNOWLEDGE RECEIPT OF THIS ADDENDUM BY SIGNING AND DATING BELOW AND INCLUDING WITH SUBMITTED RESPONSE. RESPONSE MAY BE CONSIDERED NONRESPONSIVE IF THIS COVER PAGE IS NOT SIGNED AND RETURNED. TO VIEW SOLICITATION PACKAGE.

Acknowledgement:

Signature

Date

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RFQ # 2020-001

PROFESSIONAL SERVICES FOR EVALUATION OF
SUBSIDENCE IMPACTS ON SPRING CREEK WATERSHED

This Addendum to RFQ-001 is issued to answer questions and/or provide changes, additions, or deletions to this solicitation.

Question #1: Are respondents allowed to show projects that are not 100% completed as project experience?

Yes, respondents may use projects that have not been completed as part of project experience. Please provide a description of the project status and work left to be completed in the description.

Question #2: Please indicate if HGSD would like Spring Creek tributaries included in the study/mapping process. If so, what tributaries should be included?

The District has not determined if the tributaries will be included yet. Respondents can may consider the tributaries as part of the project in their response if desired; the final study area will be determined with selected consultant as part of scope negotiation.

Question #3: Will the groundwater flow model files (including groundwater vistas which was the graphic user interface used to develop the model) be available?

No, the District will not provide the subsidence grid output from the groundwater model along with documentation of the modeling methodology. The scope of work for RFQ 2020-001 does not include any groundwater modeling and thus no model files will be provided.

Question #4: Will the supporting data files (hydrostratigraphy, well location and pumping information, water level data) used by the USGS (Kasmarek, 2013) to develop the model be available?

No, the District will provide the subsidence grid output from the groundwater model along with documentation of the modeling methodology. The scope of work for RFQ 2020-001 does not include any groundwater modeling and thus no model supporting data files will be provided.

Question #5: Where are the areas of interest? Is the refinement limited to a specific area, along some riparian stretches, or over the entire domain?

The District is currently interested in understanding the holistic impacts of subsidence on the Spring Creek Watershed. Thus, the areas of interest include the entire watershed.
Question #6: Will there be a recalibration of the model once the grid is refined using the more recently available data and research?

It is not clear if the question is referring to the groundwater models, or the hydrologic and hydraulic (H&H) models for Spring Creek. Thus, responses are provided for both.

The groundwater model will not be recalibrated as part of this effort. There is an ongoing effort with the United States Geological Survey to develop a new model called the Gulf Coast Land Subsidence and Groundwater Flow (GULF)-2023 model. This model will be used for the Subsidence District’s Joint Regulatory Plan Review as well as the Joint Planning Process for Groundwater Management Area 14. However, this model is currently in development and will not be available for use in this study. Thus, the Houston Area Groundwater Model will be used to develop the subsidence grid for this effort.

It is not anticipated that recalibration of the H&H models will be required. However, the District will rely on the expertise of the selected consultant to provide guidance on whether recalibration is required.