



ADDENDUM NUMBER 1

TO

**REQUEST FOR QUALIFICATIONS
RFQ # 2023-01**

**PROFESSIONAL SERVICES FOR APPLIED MONITORING OF THE LAND SURFACE
USING INTERFEROMETRIC SYNTHETIC APERTURE RADAR TECHNOLOGY**

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.

Acknowledgement:

Signature

Date

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This Addendum to RFQ 2023-01 is issued to answer questions and/or provide changes, additions, or deletions to this solicitation as well as provide a list of attendees from the Pre-Submittal Conference held on November 9, 2023, at 10:00am CST.

Question #1: It looks like mature workflows have already been developed, what new tools do you want from this new project?

Task 1 is targeted at using a processing technique that allows for consistent deliverables to HGSD staff on a minimum of a quarterly basis. It does not imply that a new methodology is expected or required. The primary focus of Task 1 is to develop a consistent and repeatable processing tool to allow for the regular delivery of deformation information utilizing a peer-reviewed and published methodology.

Question #2: What is the expected timespan of this project?

This project is anticipated to last for 12-24 months with the option to extend.

Question #3: Is there a funding gap?

HGSD has no funding gap.

Question #4: Is this project more applied or more research based?

The focus of this project is for applied monitoring of the land surface to enhance field investigations and complement our own subsidence monitoring network. The HGSD plans to continue ancillary research on InSAR technology, processing methodology, and other aspects of remote sensing land deformation in the Houston region.

Question #5: Are the GPS stations continuously operating reference stations (CORS) or are field campaigns done periodically?

HGSD operates a network of GPS stations that collect GNSS data periodically such that each station collects one week of continuous (i.e., 24 hour) GNSS data every two months. HGSD is in the process of transitioning from periodically monitored GPS stations to CORS that was initiated in 2023. HGSD also utilizes GNSS data from CORS operated by other collaborators such as the University of Houston and the Texas Department of Transportation.

Question #6: Is there any ongoing leveling work?

HGSD has completed the 2022 GNSS Survey that involved GNSS re-occupation of over 140 historical benchmarks in the greater Houston-Galveston region. This project was submitted to the National

Geodetic Survey where it was approved and published in their integrated database in September 2023. Additionally, information from this project, including an interactive webmap as well as downloadable HGSD datasheets and geospatial data formats (i.e., GoogleEarth kml and ArcGIS shapefiles), will be available on the HGSD's website by the end of 2023.

Question #7: What is the anticipated award date?

HGSD anticipates this project to awarded by April 30, 2024.

Question #8: Any limitations for IPC or overhead cap for the university setting?

HGSD has worked with other universities through sponsored research agreements and will negotiate the overhead rate directly with the university for this project, if applicable.

Question #9: Do you anticipate the contractor to make visits to your office or will the correspondence be virtual?

HGSD will not require the awarding firm to make visits to the office. Virtual or in-person correspondence is sufficient for this project.

Question #10: How can we get a copy of the recording of this meeting?

RFQ 2023-01 Pre-Submittal Conference recording link will not be available; however, a copy of the presentation is provided on HGSD's website.

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ATTACHMENTS

Note: The attachments are not required to be included with the submittal package.

HGSD Pre-Submittal Conference | RFQ 2023-01

November 9, 2023, 10:00 am CST

Attendee List

First Name	Last Name	Email Address
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