

PROGRESS REPORT

To: Olga Bauer, Work Order Project Manager, Texas Water Development Board

From: Daniel Lupton, Work Order Project Manager, INTERA

Date: February 9, 2021

Re: **TWDB Contract Number 2000012442 – Seismic Work Order**

Budget and Expenses

This report summarizes project activities and costs for the billing period of January 2021. The total billed expenses through January 31st are \$23,835. A budget breakdown by task is provided in Table 1 below. A copy of the progress report will be included in our monthly invoice being sent to the TWDB contracts department. The Work Order Notice of Proceed was signed on November 5th, 2020.

Task	Description	Budget	Invoices			Remaining Budget
			Current	Previous	Total	
1	Literature Review	\$ 10,000	\$ 4,575	\$ 4,890	\$ 9,465	\$ 535
2	Seismic Data Vendor Review	\$ 10,000	\$ 5,790	\$ 2,205	\$ 7,995	\$ 2,005
3	Data Quality and Limitations	\$ 20,000	\$ 3,840	\$ 1,320	\$ 5,160	\$ 14,840
4	Methodology for Application of Seismic data on Brackish Aquifers	\$ 40,000	\$ 2,550	\$ 2,865	\$ 5,415	\$ 34,585
5	Apply Methodology to an Aquifer Study	\$ 70,000	\$ 7,080	\$ 3,990	\$11,070	\$ 58,930
Total		\$ 150,000	\$ 23,835	\$15,270	\$ 39,105	\$ 110,895

Table 1. Project Budget Versus Expenses

Work Completed

This report summarizes activities on project tasks for January of 2021 and is the second contract progress report. Tasks 1 through 5 were active in the reporting period and had time billed to them. Progress on those tasks will be summarized below.

Task 1 Literature Review

Work on the Literature Review Task involved completing the draft report, submitting to the BRACS Group, and incorporating their edits. This Task and is approximately 95% complete.

Task 2 Seismic Data Vendor Review

Work on Task 2 involved completing the draft Task 2 report and submitting it to the BRACS Group for comments. We are approximately 80% complete with this task.

Task 3 Data Quality and Limitations

Activity on this Task was related to developing an outline for the report. We are approximately 25% complete with this task.

Task 4 Methodology for Application of Seismic data on Brackish Aquifers

Activity on this Task was primarily planning related and centered on outlining a report format for summarizing a methodology for application of seismic data to brackish aquifers. We are approximately 15% complete with this task.

Task 5 Application to an Aquifer Study

Activity on this Task involved continued review of the Stratton dataset and available BRACS Gulf Coast data. The Stratton dataset has been sent off to the processing company Tricon. We are working with them to develop a detailed plan of action for the processing of the Stratton 3D seismic dataset. We are currently 15% complete with this task.

Problems Encountered to Date

To date no problems or issues have been encountered affecting execution of the scope of work.