

External Quarterly Report

Date of Report: 6th Quarterly Report -March 30th, 2025

Contract Number: 693JK32310012POTA

Prepared for: DOT PHMSA

Project Title: A Framework for Improving Geohazard Monitoring, Data Integration, and Information Fusion at Scale

Prepared by: GTI Energy (Gas Technology Institute)

Contact Information: Ernest Lever, elever@gti.energy , 847-544-3415

For quarterly period ending: March 30th, 2025.

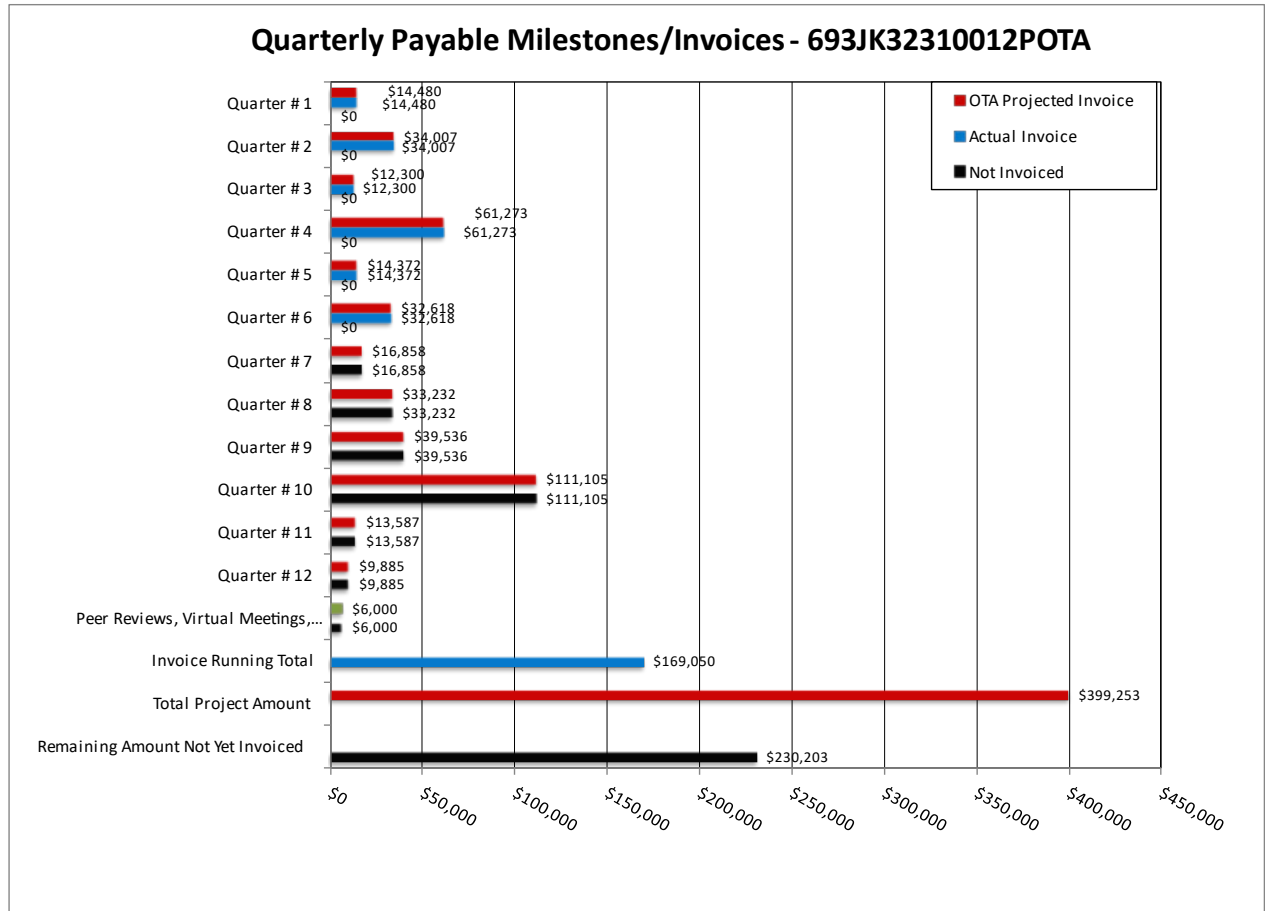
1: Items Completed During this Quarterly Period:

<i>Item #</i>	<i>Task #</i>	<i>Activity/Deliverable</i>	<i>Title</i>	<i>Federal Cost</i>	<i>Cost Share</i>
14	2	Generalized Framework and Use-case Development	Interim Report: Inventory models, methods, and datasets used to address a geohazard use case	12,072.00	50,166.00
15	4	Standards Organization Outreach	Interim Report 3 on standards organization outreach	18,246.00	30,465.00
16	11	6th Quarterly Status Report	Submit 5th quarterly report	2,300.00	3,715.00

2: Items Not Completed During this Quarterly Period:

None

3: Project Financial Tracking During this Quarterly Period:



4: Project Technical Status

- The project is on schedule and on budget.
- There are no late deliverables.
- There are two deliverables due this quarter:
 - Interim Report: Inventory models, methods, and datasets used to address a geohazard use case. The deliverable is presented in Appendix 1.
 - Interim Report 3 on standards organization outreach. The deliverable is presented in Appendix 2.
- Work in the 7th quarter will be focused on completing the next project deliverables:
 - Interim Report: Engineering requirements for modular and networked software system.
 - Preparation for presenting at the GTI Energy SAGE , statistics, analytics, and GIS in energy, August 13th-14th, 2025.
 - Preparation for a TAP meeting in July 2025 to review the Q6 and Q7 deliverables that address the models, methods, datasets, and engineering requirements being developed for the technology demonstration workshop.

End of Report