



3rd QUARTERLY REPORT – PUBLIC
GTI PROJECT NUMBER 22647

Evaluation of the Efficacy and Treatment of Hazard Mitigation Measures for LNG Facilities

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U.S. Department of Transportation
Pipeline and Hazardous Materials Safety Administration
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1: Items Completed During this Quarterly Period

Table 1 shows the items and deliverables (from Attachment #3 of Agreement) that were completed during this Quarter.

Item #	Task #	Activity/Deliverable	Payable Milestone Title	Federal Cost	Cost Share
6	3	Identify Baseline Effectiveness of Mitigation Measures	Summary of Baseline Effectiveness of Mitigation Measures	\$77,880	\$18,823
7	9	Project Management Activities	3rd Quarterly Report	\$4,788	\$1,886

Table 1 – Items Completed During this Quarterly Period

2: Items Not Completed During this Quarterly Period

There were no items and deliverables that were scheduled to be completed during this Quarter that were not completed during this Quarter.

3: Project Financial Tracking During this Quarterly Period

The contract for this research effort is fixed price, with milestone/deliverable payments. **Figure 1** shows the projected invoicing upon delivery of this quarter's invoice, which reflects Quarterly Payable Milestones in Table 1 for this quarter.

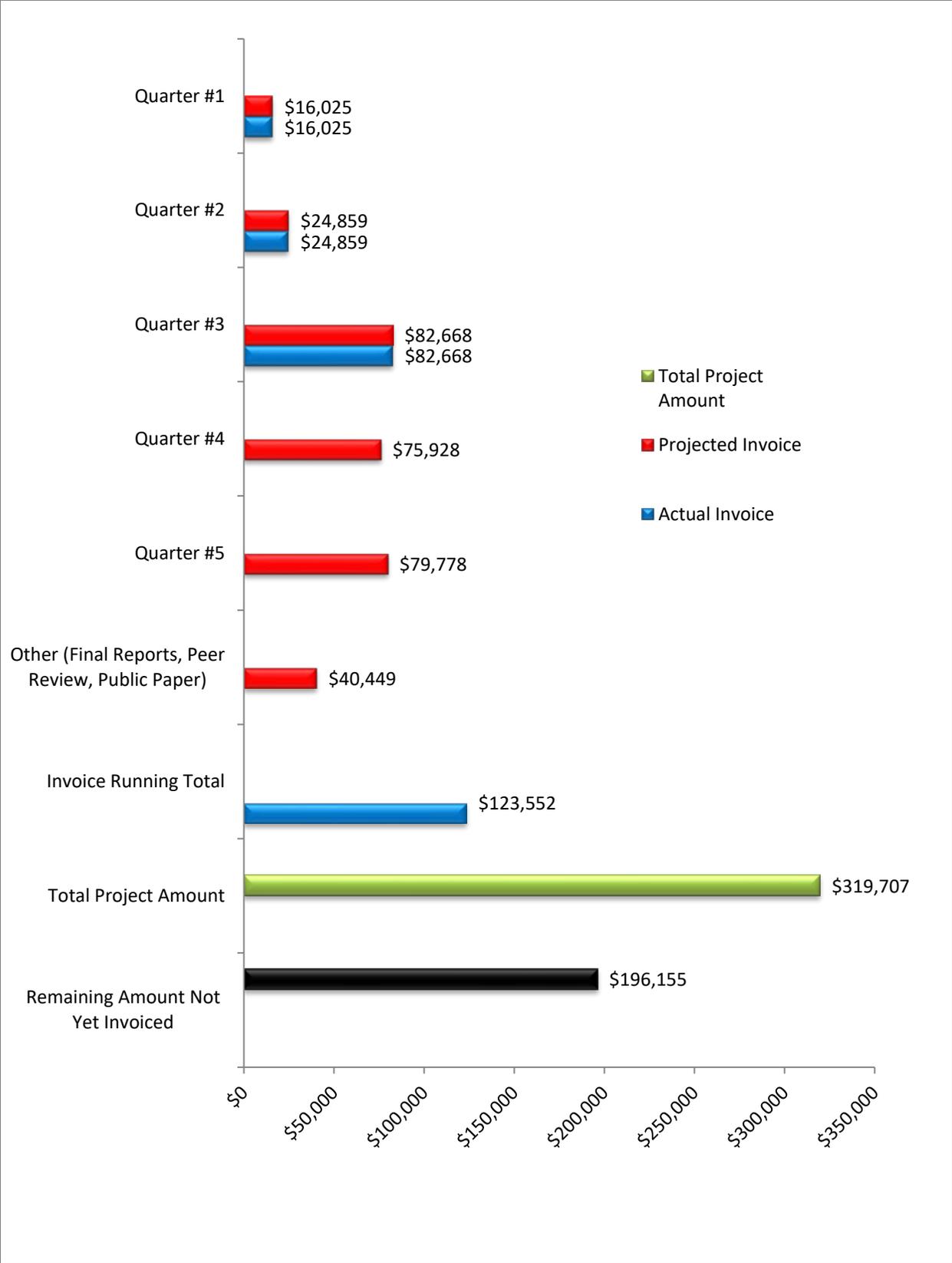


Figure 1. Quarterly Payable Milestones/Invoices

4: Project Technical Status

Activity: Task 3 – Summary of Baseline Effectiveness of Mitigation Measures to be Evaluated

The project team submitted the project deliverable entitled *Summary of Baseline Effectiveness of Mitigation Measures* as a result of Task 3 activities. The project team’s efforts included initial communications with a leading manufacturer of insulating floating foam blocks (Pittsburgh Corning) and with a leading US university (Texas A&M Mary Kay O’Conner Process Safety Center), to help ensure that the project team’s review had not missed any key experimental test results. The deliverable entitled *Summary of Baseline Effectiveness of Mitigation Measures* was discussed with PHMSA’s Agreement Officer Representative and members of the project Technical Advisory Panel (TAP) during a virtual meeting on June 15. The notes of that discussion were submitted to PHMSA and the TAP on June 25.

Activity: Task 4 – Summary of Uncertainty of Effectiveness of Mitigation Measures

The project team continued its analysis of the references and information that will be used to develop the next project deliverable entitled *Summary of Uncertainty of Effectiveness of Mitigation Measures*.

Activity: Task 9 – Project Management

The project team continued working on Task 9:

- Submitted third quarterly report.
- Communicated with additional LNG facility operators to inquire about their potential interest in joining the project’s Technical Advisory Panel.

5: Project Schedule

The project is on track and no changes in the project schedule are anticipated. The project schedule is shown in Figure 2, which contains no revisions or changes from the prior version. The project team remains highly engaged, with no changes in project team personnel.

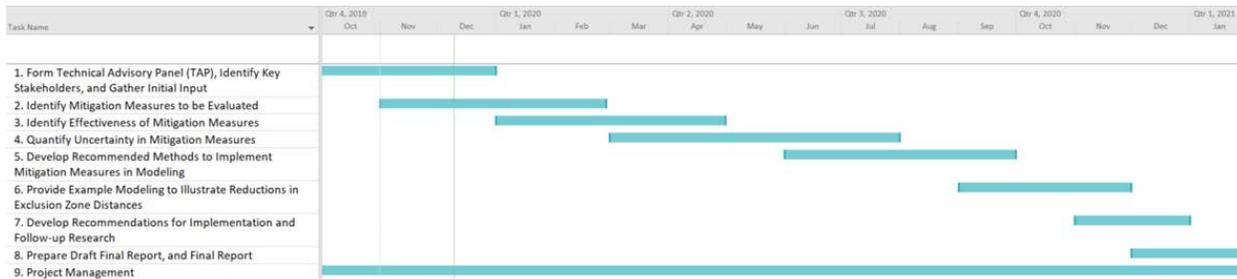


Figure 2. Project Schedule

END OF REPORT