

# Public Quarterly Report

**Date of Report:** *1st Quarterly Report-January 2, 2020*

**Contract Number:** *693JK31910015POTA*

**Prepared for:** *Government Agency: PHMSA*

**Project Title:** *Improving the Reliability, Detection, and Accuracy Capabilities of Existing Leak Detection Systems (CPMs) Using Machine Learning*

**Prepared by:** *Southwest Research Institute*

**Contact Information:** *David Vickers; PO Drawer 28510, San Antonio, TX; [david.vickers@swri.edu](mailto:david.vickers@swri.edu)*

**For quarterly period ending:** *January 2, 2020*

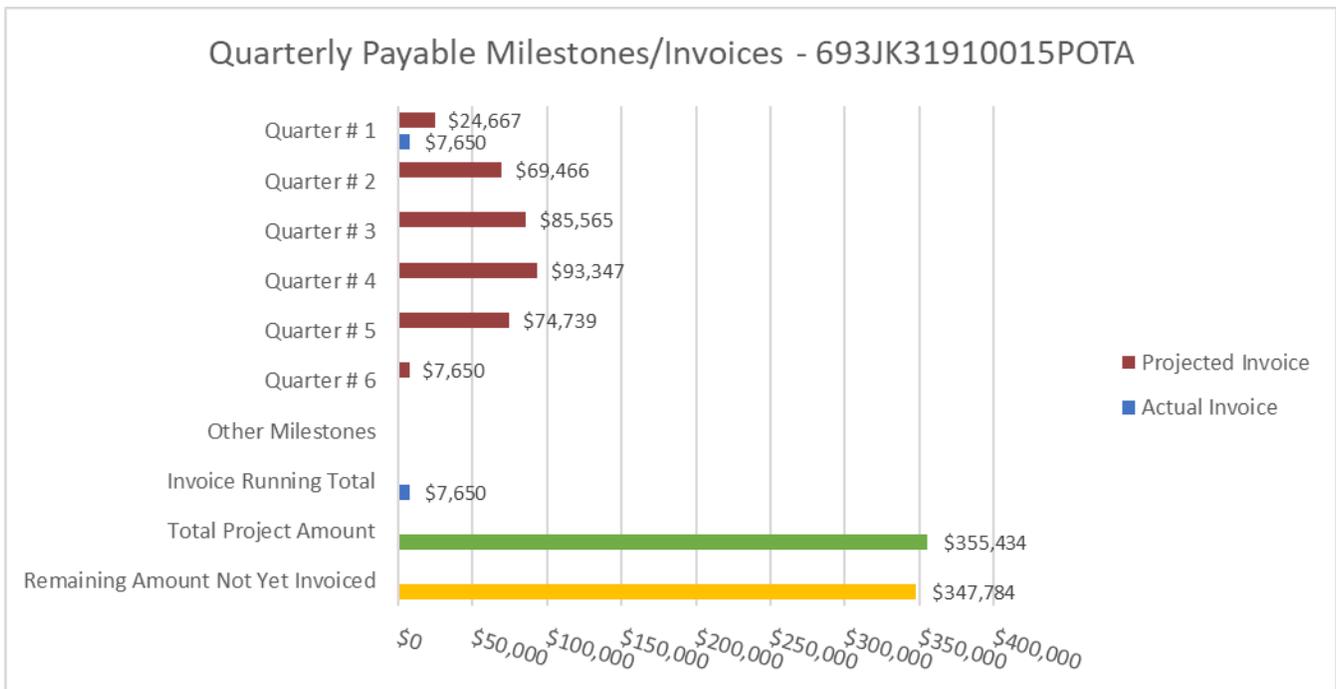
## 1: Items Completed During this Quarterly Period:

<i>Item #</i>	<i>Task #</i>	<i>Activity/Deliverable</i>	<i>Title</i>
<i>2</i>	<i>5</i>	<i>1st Quarterly Status Report</i>	<i>Submit 1st quarterly report</i>

## 2: Items Not-Completed During this Quarterly Period:

<i>Item #</i>	<i>Task #</i>	<i>Activity/Deliverable</i>	<i>Title</i>
<i>1</i>	<i>1</i>	<i>Operator Survey Documentation</i>	<i>Operator Survey Documented in 1st Quarterly report</i>

## 3: Project Financial Tracking During this Quarterly Period:



#### 4: Project Technical Status –

1st Quarterly Status Report Submit 1st quarterly report

This report constitutes the first quarterly report for the Improving the Reliability, Detection, and Accuracy Capabilities of Existing Leak Detection Systems (CPMs) Using Machine Learning project, contract number 693JK31910015POTA. The Contract between the prime (PRCI) and the subcontractor (SwRI) is currently being finalized. Several initial meetings have been held to discuss the technical activities in late 2019 including at PRCI’s Technical Committee Meetings in October and on calls with the PHMSA AOR in November. A Steering Committee meeting is scheduled for January 29, 2020. A draft version of the operator survey has been delivered to the prime contractor (PRCI) for review by the PRCI technical project team.

#### 5: Project Schedule –

Operator Survey Documentation Operator Survey Documented in 1st Quarterly report

While a draft version of the operator survey has been delivered to the prime for review, it has not been finalized or disseminated to the operators and the results have not been documented for inclusion with this quarterly report. The questionnaire is to be reviewed with the AOR and steering committee for finalization and planning on dissemination to comply with the Paper Reduction Act.