

Public 1st Quarterly Report

Date of Report: 1st Quarterly Report – January 6, 2021

Contract Number: 693JK32010006POTA

Prepared for: USDOT

Project Title: *Feasibility Study for a Robotic Platform and Suite of Sensors to Identify Degradation in NonConforming Driscopipe(R)8000*

Prepared by: NYSEARCH/Northeast Gas Association

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For quarterly period ending: December 31, 2020

1: Items Completed During this Quarterly Period:

During this 1st Quarter one task was completed. Based on other planned task completion, the project is behind schedule.

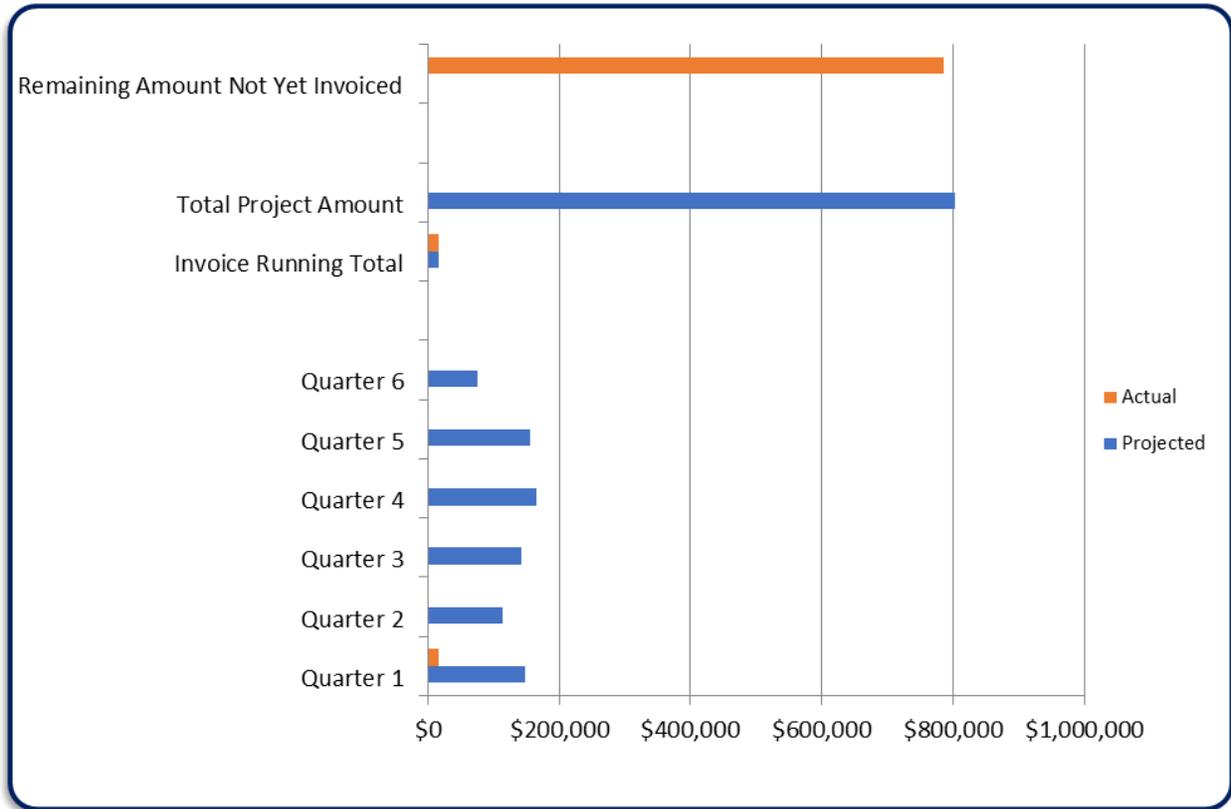
8	3-A	NYSEARCH project management & technical consulting	Project management, technical consulting and submit 1 st quarterly report	\$16,429	\$3,571
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2: Items Not-Completed During this Quarterly Period: The project is behind schedule.

<i>Item #</i>	<i>Task #</i>	<i>Activity/Deliverable</i>	<i>Title</i>	<i>Federal Cost</i>	<i>Cost Share</i>
1	1.1	Definition of important parameters	Kickoff meeting and initial specs	\$0	\$0
2	1.2-A	Collaboration with the sensor developer	Interface with the sensor developer	\$0	\$0
3	1.3-A	Develop concepts for analysis and testing	Preliminary concepts for robotic system	\$0	\$0
4	2.1	Field inspection issues and challenges	Initial specs for sensors	\$0	\$0
5	2.2-A	Collaboration with robot developer	Robot/sensor interaction specs	\$0	\$0
6	2.3	Feasibility study outline	Issues to focus on in feasibility	\$0	\$0
7	2.5	Technology review	Identification of relevant to problem technologies	\$0	\$0

3: Project Financial Tracking During this Quarterly Period:

QUARTERLY PAYABLE MILESTONES/INVOICES - 693JK32010006POTA



4: Project Technical Status

Task 1.1: Definition of important parameters

NGA staff has initiated the effort of developing with Southwest Gas the specification for the system in-hand. Once developed the specifications will be presented to the project's Technical Advisory Group and the technology developers for discussion, modification (as needed) and adoption.

Task 3-A: Project Management and Technical Consulting

NGA Staff worked in the first quarter to fully negotiate two subcontracts and they were ready for signature in first week of January 2021. (At the time of this writing, the Subcontracts have been fully executed.)

5: Project Schedule

The project is behind schedule by a quarter.

6. Business Issues

Upon project initiation, NGA was negotiating the contracts with the two subcontractors, Invodane Engineering and Iowa State University. At the end of the first quarter, the negotiations were completed but the contracts not yet signed, due to unexpectedly long negotiations. Per above and given the holidays, the Subcontracts were completed in late December and signed in the first week of January.