Project Startup Report

Submitted to Large Project Oversight on 12/09/2019

GENERAL INFORMATION

Project Name: StarLIMS Upgrade

Agency Name: Department of Health

Project Sponsor: Christie Massen

Project Manager: Mike Benz

PROJECT DESCRIPTION

The laboratory implemented an electronic information system in the 1980's. Abbott StarLIMS was implemented in 2004 and hosted at the State Laboratory. The software is hosted on a server located in the laboratory. The software contains laboratory specimen data and is used to track, and report analysis completed by the laboratory. It is critical to our daily operations. In addition, the associated accounts receivable system allows for the laboratory to create invoices and collect fees for service. The purpose of this project is to upgrade this software to the most recent version of the STARLIMS product

BUSINESS NEEDS AND PROBLEMS

In order to maintain daily operations, the NDDoH has identified the following business needs and/or problems:

1. Provide an electronic platform for the management of laboratory data.

2. Improve (and maintain) data quality related to patient demographics and analysis.

3. Improve the data that is reported electronically to the ND Health Information Network (HIN).

PROJECT BASELINES

Project Start Date	Baseline Start Date	Baseline End Date	Baseline Budget
5/14/2019	11/25/2019	8/25/2020	$568,016

OBJECTIVES

Business Objective	Measurement Description
Provide an electronic platform for the management of laboratory data	Upgraded StarLIMS software is installed, validated, and functional.
Improve (and maintain) data quality related to patient demographics and analysis.	Advanced Analytics module is installed, validated, and functional
Improve the data that is reported electronically to the ND Health Information Network (HIN).	ELR/ORU connection with the NDHIN is implemented, validated, and functional.

COST BENEFIT ANALYSIS

This project is being funded with State general funds and 90/10 CMS HITECH. One of main outcomes is to create and enhance interoperability with the State Laboratory Information system and the Health Information Network(HIN)

KEY CONSTRAINTS AND/OR RISKS

Funding

o $30,000 General Funds must be expended by June 30th, 2019

o $174,000 Federal Funds must be expended by July 31st, 2019

o Long-term funding to support cloud hosting by ND ITD has not yet been identified; however, it is a priority to utilize a cloud-based server.

· Schedule

o Several funding sources have deadlines that must be met.

· Quality

· Scope