



Laboratory Information Management System Software Contract

***Presented by
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Laboratory Information Management Systems (LIMS)

- **Software-based laboratory data management system**
- **All surface water quality and wastewater compliance data stored and managed in this system**
- **Data is used by various departments to complete required regulatory compliance reports and data submittals to the Texas Commission on Environmental Quality and other regulatory entities**



Current LIMS

- **Purchased in 2002**
- **Legacy system**
- **Inefficient**
- **Poor communication with operators and customers and other software systems used by BRA**
- **Lacks several modern features to improve efficiency and accuracy, and eliminate human error**
- **Does not consolidate record keeping in one database location**
- **Lacks security features to limit capabilities of different levels of users**



Lab Vantage LIMS

- **GSA Contract**
- **System capabilities:**
 - Holding time management
 - Reagent lifecycle management
 - Task scheduling
 - Unlimited instrument integration
 - Barcode generation
 - Automatic audit trail generation
 - On-demand reporting
 - Dashboards
 - Multiple security levels
 - eForms
 - Integration with other systems
 - Web services
 - Supports electronic signatures
 - Ability to create custom reports
 - Ability to automatically alert operations staff when permit or control limits are exceeded



The following resolution is presented for consideration to the Board of Directors of the Brazos River Authority for adoption at its July 27, 2015 meeting:

“BE IT RESOLVED that the Board of Directors of the Brazos River Authority hereby authorizes the General Manager/CEO to enter into a contract with LabVantage Solutions, Inc. to purchase new Laboratory Information Management System software. The total project cost for the software, installation, testing and migration of historical data shall not exceed \$267,074.00.”



Brazos River Authority