

SPECIFICATIONS for Calibration Management System Software Suite

A commercial- off-the-shelf (COTS) metrology software suite solution available to be used by multiple concurrent users over local network to access a shared, centralized, non-proprietary style of database.

Shall include software, database communication platform, data migration, on-site user training and one year of product support.

The software purchased shall not require reoccurring license fees after initial purchase.

All Measuring and Test Equipment (M&TE) data shall be retained in a universally commonplace data structure such as MSSQL or Oracle and outside of the specific software suite and wholly owned by us, the customer.

The software suite shall include means to store and retrieve calibration data in numerical data-type format. Ability to attach files (i.e Calibration Reports, Data Sheets, etc) of various extensions (.pdf and MS Excel) is also required.

The software suite shall include the ability to store individual (and customizable) calibration actions (i.e. As Found, As Left, Reject As Is, etc) as individual events and provide full and comprehensive retrieval of information associated with each action.

The software suite shall indicate a clear path forward for data migration of the customer's historical M&TE records (currently stored in a custom built MySQL database). Records include 56,000 assets with over 110,000 associated work orders.

The software suite shall include administrative functions for configuring separate and varying levels of access to the system. The customer's Center Operating Protocols require multiple tiers of user read/write access to ensure compliance. Comprehensive access controls with maximum flexibility shall be included.

The software suite shall include flexibility in the handling of M&TE processing actions to accommodate service and provider contract and policy changes. Additionally, processing actions should be able to be directly associated with the structure of the customer's approved processing procedures and requirements (dictated via Center Approved Process Control Charts).

The software suite shall include in system processing and calculation capabilities to enable end users to accurately complete measurement uncertainty analyses per the JCGM specifications "Guide to the Uncertainty of Measurement" (GUM).

The software suite shall be compatible with viewing M&TE Calibration Data on all Computing Platforms (Microsoft, Apple, Linux). A Web based form of access is preferred.

Software shall be supported by the manufacturer for a minimum of one year and cost of support agreement shall not exceed 25% of the software value.

On-location user training shall be included. Training to be held at customer's facility and held for approximately 20 end users and administrative staff. Training should last 3 days.