

### Attachment G: Added Value Page 1

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Please give a statement about the services and/or additional certifications and training that you provide and what you can provide as an added value for DEQ.

#### EXTENDED WARRANTIES

Do you provide Extended Warranties? ☐ Yes ☐ No

Please describe the Extended Warranty	
What is the Cost of the Extended Warranty?	
Additional Notes on Extended Warranties	

#### MAINTENANCE AND SERVICE DEPARTMENT OR PROGRAM

Do you provide maintenance and service department or program? ☐ Yes ☐ No

Please describe the maintenance and service department or program	
What is the Cost of the maintenance and service department or program?	
Additional Notes maintenance and service department or program	

#### EPGS PRODUCTS

Do you uses of EPGS products in production, packaging, and any other means? ☐ Yes ☐ No

Please describe the use of EPGS products	
Additional Notes maintenance and service department or program	

[illegible][illegible]

## I. Added Value-AnIML Compatibility

### J. About AnIML

The ASTM AnIML data format is a cross-industry effort to address the pressing needs for managing, exchanging and archiving analytical and biological data using XML. It brings together stakeholders from the vendor and user communities, academia and government under the umbrella of ASTM. Using the AnIML format, laboratories can reduce the time to result and the total cost of ownership for data handling. Data from different vendors and different measurement techniques can be stored in a single common file format. The format is designed for ease of use by end users and easy adoption for the vendor community.

### K. Spirit of collaboration

The ASTM process ensures that all stakeholders have an equal say in the definition of the standard. ASTM also ensures appropriate life cycle management and evolution. The AnIML community is collaborating actively with other standardization efforts to ensure a common and interoperable ecosystem of instruments and data systems.

### L. Why AnIML?

When selecting instruments, we apply great care in their capabilities to be integrated into our ecosystem. We realize that result data is the most important outcome of sample analysis. That is why we pay attention to the ease of consumption and accessibility of this data. That is why we would like to store, analyze and share our instrument data in AnIML format. Given its XML base, many tools on the market can work with AnIML out of the box. Writing XML data is not difficult. AnIML is well-supported by our existing LIMS system. As a public organization, we are required to share data with other local, state or federal agencies. Open standards such as AnIML facilitate this interchange. Additionally, we need to retain data for long periods of time. XML-based formats such as AnIML are human-readable and thus guarantee access to our archived data.

### M. Questions for RFP

- Provide a summary of how your instrument interfaces to other systems, such as LIMS and ELN.
- Indicate how it manages uni-directional and bi-directional communications.
- Provide a list of all third-party tools (middleware) that are required for interfaces?
- Describe a typical day-to-day operation for a user acquiring data from your instrument and storing it within a LIMS or ELN.
- Describe the responsibility that your company takes regarding the set-up and long-term maintenance of interfaces to LIMS or ELN.
- Describe any API (application programming interface) in your instrument control software.
- Describe support of Standardization in Lab Automation (SiLA) for submission of sample lists or launching experiments in your instrument control software. <https://sila-standard.org>
- Provide a list of all import formats that your instrument control software can read, such as text, CSV, XML, etc.
- Provide a list of all instrument data export formats that your instrument control software produces.
- Do your instrument data exports include the following?

- unambiguous sample identification
  - information regarding the identification of the instrument used
  - the user ID of the person performing the experiment.
  - identification of the method used for an experiment.
  - content of the method used for an experiment.
  - audit trail
- Describe the use of audit trails and digital signatures for data export from your instrument?
  - What capability does your instrument software have to translate and save in a vendor-neutral neutral format such as ASTM AnIML?
  - Describe your company's position on data standards, in particular ASTM AnIML?
  - What support for human-readable data archiving does your instrument control software provide?
  - Are you willing to collaborate with a third party to provide AnIML capability in case your software does not support it natively?

#### ASTM AnIML DATA FORMAT

Do you provide ASTM AnIML data format s? ☐ Yes ☐ No

Please describe the Extended Warranty	
What is the Cost of the Extended Warranty?	
Additional Notes on Extended Warranties	

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Supplier Authorized Signature

\_\_\_\_\_  
Certified This Date

\_\_\_\_\_  
Printed Name

\_\_\_\_\_  
Title

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Phone Number

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Email

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Fax Number