



Request for Proposal (RFP): Slide Digitization Services for MLSC Biobank Program

Ends on Fri, Apr 17, 2026 11:59 PM

1. Background and Purpose

The MLSC Biobank Program is a statewide, multi-institutional initiative designed to support biomedical research through secure, equitable access to high-quality biospecimens and associated data. As part of this effort, MLSC seeks qualified vendors to provide **histology slide digitization services** for human biospecimens collected across participating academic medical centers.

The objective of this RFP is to enable generation of digital histology slide images that can be linked to biospecimens and clinical data under MLSC governance frameworks.

2. Scope of Work

A. Slide Digitization

- High-resolution scanning of histology and pathology slides.
- Support for common slide formats and stains.
- Consistent image quality and resolution standards.

B. Image Quality and QC

- Defined image quality metrics.
- Procedures for rescan and quality verification.

C. Data Storage and Delivery

- Secure delivery of digital images to MLSC-designated platforms.
- Metadata capture, including slide identifiers and staining information.
- Compatibility with downstream analysis tools.

D. Security and Compliance

- Secure handling of materials and data.
- Compliance with applicable privacy and security requirements.

3. Vendor Qualifications

- Experience digitizing pathology slides at scale.
- Demonstrated image quality and consistency.
- Capacity to support multi-institutional workflows.

4. Proposal Requirements

Executive summary, digitization approach, QC standards, experience, implementation plan, pricing, and assumptions.

5. Evaluation Criteria

Image quality, scalability, integration readiness, experience, and cost.

6. Timeline

Deadline: 4.17.2026

Evaluation Period: Proposals will be weighted based on technical expertise, alignment with the MLSC's needs and cost-efficiency. Finalists may be interviewed in mid/late May. A decision will be made in May/June with a tentative commencement in June.

MLSC reserves the right to modify this timeline at its discretion.

7. Additional Terms

For questions regarding this RFP, contact: BioBank@masslifesciences.com

This RFP does not constitute an obligation to fund any proposals. The MLSC reserves the right to modify or cancel this RFP at any time and may request further clarifications or conduct interviews as part of the selection process.

Thank you for your interest in the MLSC Biobank Program

Please read the scope of work prior to submitting the proposal.

Requirements

Proposal Requirements

Responding organizations must submit a complete proposal that addresses the following elements. Proposals that do not include all required components may be considered non-responsive.

Applicant Information

Legal Name of Organization (required)

Primary Point of Contact Name (required)

First Name (required)

Last Name (required)

Primary Point of Contact Email (required)

email@example.com

Primary Point of Contact Phone (required)



Company Website (required)

example.com

Headquarters Location (required)

Country (required)

Select...



Address (required)

Address Line 2 (optional)

City (required)

State, Province, or Region (required)

Zip or Postal Code (required)

Section 1: Executive Summary

1.1 Slide Digitization Overview (required)

Limit: 500 words

Summarize slide digitization capabilities and relevance to biobank operations.

Section 2: Technical Approach

2.1 Slide Types and Formats Supported (required)

Limit: 300 words

Describe supported slide types and stains.

2.2 Digitization Specifications (required)

Limit: 300 words

Describe scanning resolution, formats, and image standards.

2.3 Quality Control Procedures (required)

Limit: 300 words

Describe image QC and rescan procedures.

Section 3. Data Delivery and Integration

3.1 Image Delivery and Metadata (required)

Limit: 300 words

Describe file formats, metadata capture, and data delivery methods.

3.2 Platform Compatibility (required)

Limit: 300 words

Describe compatibility with digital pathology or analytics platforms.

Section 4. Compliance and Security

4.1 Security and Handling Procedures (required)

Limit: 300 words

Describe physical and digital security controls.

4.2 Data Security Controls (required)

Limit: 300 words

Describe encryption, access controls, and audit mechanisms.

4.3 Please upload documentation for all applicable laboratory accreditations, quality management certifications, and data security or privacy certifications held by your organization. (required)

Choose File

Upload a file. No files have been attached yet.

Acceptable file types: .csv, .doc, .docx, .odt, .pdf, .rtf, .txt, .wpd, .wpf, .gif, .jpg, .jpeg, .png, .svg, .tif, .tiff

Examples include, but are not limited to:

Laboratory and Quality Systems

- CLIA certification (optional, not required)
- CAP accreditation (optional, not required)
- ISO 9001 (Quality Management)
- ISO 20387 (Biobanking)

Data Security and Privacy

- SOC 2 Type II
- ISO/IEC 27001
- Other third-party security or compliance audits

Section 5. Experience and References

5.1 Relevant Experience (required)

Limit: 300 words

Describe prior slide digitization projects at scale.

5.2 References (required)

Limit: 300 words

Provide at least two references, including organization name, contact name, and email.

Section 6. Implementation and Pricing

6.1 Turnaround Times and Capacity (required)

Limit: 300 words

Describe throughput and scalability.

6.2 Pricing Structure (required)

Limit: 300 words

Describe pricing assumptions and models.

Section 7. Supporting Materials

7.1 Optional Uploads (required)

Choose File

Upload a file. No files have been attached yet.

Acceptable file types: .csv, .doc, .docx, .odt, .pdf, .rtf, .txt, .wpd, .wpf, .gif, .jpg, .jpeg, .png, .svg, .tif, .tiff

Upload technical documentation or sample reports.

Drafts may be visible to the administrators of this program.

