

**Spectral Imaging System for Livingstone Imaging**

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**From:** "MB Toth"**To:****Cc:** "Dr. Adrian S. Wisnick"

, "AlisonMetcalfe"

2 Files (2824 KB)



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Rab,

I'm pleased we could finally link up by phone on what I know was a busy Tuesday for you after the holiday weekend. As promised, I'm including some background information about our project, imaging system and needs for our imaging of the Livingstone manuscripts. We look forward to working with you and your associates at the NLS, so don't view the following as hard and fast requirements -- we will work to fit our work into your facilities, staffing availability and schedules. These are just our current plans, which we won't finalize until we get your input and approval.

We are familiar with requirements for working in libraries, based on our work at the Library of Congress and other manuscript libraries, but welcome guidance or direction about the procedures to be followed at the NLS. Our gear would be all hand carried, and we would be able to provide a detailed equipment list for property passes or whatever paperwork is needed to bring it all in and out. Attached is a draft Statement of Work to detail what we intend to be doing, depending on, and producing.

A good starting point for information about the camera system is at the [MegaVision Inc. Cultural Heritage Imaging website](#). This includes a good photo of our standard setup. Attached is also a short powerpoint presentation of the system as set up in the US Library of Congress, with some general shots of the camera and operating system, as well as some of the results of our work.

As we discussed on the phone, we would need room to set up the camera on a copy stand with the LED illumination panels on each side, and an operator's workstation with disk drives nearby. A 4 meter by 4 meter room would suffice, with a ceiling height of at least 2.5-3 meters preferred. If you had a standard camera copy stand we could borrow, great! If not, we would bring a copy stand that could be set up on a stable table, with the operator's workstation on another table. We will also bring tripods for the illumination panels.

We usually have two people in the room operating the camera system -- the operator and a data logger. The camera operators could be NLS, NTS and/or Livingstone Centre personnel, if they are interested in learning about the system and spectral imaging, in which case we would have a trainer present. We would also want someone representing the manuscripts to actually handle the individual leaves for imaging -- which would mean placing them on the copy stand and flipping them.

Depending on library space and the resulting size of our team, we would like to be able to set up two or three laptops in available temporary office spaces, reading rooms, or common areas. This would be used by imaging scientists to check and process the data as we are imaging, but could be anywhere in the Library, and need not be adjacent to the imaging room or all in the same room. Internet access would be preferred in the imaging room or nearby for software updates, metadata cataloging and troubleshooting. We will need several electrical outlets, but will bring adaptors and power strips.

We look forward to working the details of scheduling, facilities and logistics with you and your team. I'm afraid I've dumped far too much information on you at once, so please drop me an e-mail as you have questions or comments, and we could set up a follow-up teleconference at your convenience if you wish.

Thanks for taking the time to work with us on what promises to be an exciting project,

Mike Toth  
R.B. Toth Associates