

# UNIVERSITY OF MISSISSIPPI

## Notice of Intent to Certify Sole Source

# SS 110

**The University of Mississippi (UM) anticipates purchasing the item(s) listed below as a sole source purchase. Anyone objecting to this purchase as a sole source shall follow the procedures outlined below.**

**Commodity or commodities to be purchased (manufacturer, model, description):**

Edinburgh Instruments model LP980

**The need to be fulfilled by this item(s) and why it is the only one that can meet the specific needs of the department:**

We need to purchase the Edinburgh Instruments model LP980. It is a Laser Flash Photolysis (Transient Absorption) Spectrometer for the measurement of laser induced transient absorption and emission decay kinetics with the ability to automatically generate temporally resolved transient absorption and emission spectra (with addition of a ICCD). The Edinburgh Instruments model LP980 is the only model that we have found that has the option for the measurement of transient absorption emission spectra using our current ICCD cameras. Here, the compatibility with our current equipment is a very important consideration. This item is not only compatible with our existing ICCD cameras (UM #210919 and UM #221002) but also our nanosecond lasers required as the excitation source (UM #187473 and UM #219882). The item is also the only item we have found that has two sample chambers for both laser flash photolysis (transient absorption experiments) and laser-induced fluorescence experiments, which we need for our funded research. We also need high resolution for our research experiments. The Edinburgh Instruments model LP980 is the only model we have found that offers a 1800 grooves/mm or higher resolution grating with at least a 300 mm focal length monochromator in a Czerny Turner configuration with an f/4 aperture. It is important for the item we purchase to have a software controlled probe shutter to limit the light on the sample to be open only during measurements. The Edinburgh Instruments model LP980 is the only model that we have found that offers this option and software that offers complete laser control, from pulse power, repetition rate, and OPO wavelength tuning. This item features a fully enclosed sample chamber (which is required) with shutters for laser, probe, and detector, preinstalled and aligned optics in high quality mounts. This allows end users to place filters and various sampling configuration stages with straightforward ease, ensuring alignment and optimum performance. The integrated probe light source and available detection options also surpass any other commercially available system. We also need high temporal resolution. A time resolution from 5 ns - 100 seconds is needed and

single-shot delta OD measurements with a minimal resolution of 0.002 - 0.0005 OD. The Edinburgh Instruments model LP980 is the only model that we have found that offers this.

**Name of company/individual selling the item and why that source is the only possible source that can provide the required item(s):**

Edinburgh Instruments sells directly and does not have resellers.

**Why the amount to be expended for the commodity is reasonable:**

The list purchase price is competitive with other similar models that have less features. The discounted price is a very good deal.

**Efforts that the agency went through to obtain the best possible price for the commodity:**

We negotiated with the vendor to reduce the list price to provide our pricing which represents a 23% discount.

**Submission Instructions and Format of Response from Objecting Parties:**

Interested parties who have reason to believe that the item(s) above should not be certified as a sole source should provide information in the following format for UM to use in determining whether or not to proceed with awarding the Sole Source purchase.

**1.1 Interested Party Information**

**1.1.1 Contact Name, Phone Number, Address and email address**

**1.1.2 Company Website URL, if applicable**

**1.2 Objection to Sole Source Certification**

**1.2.1 Interested parties must present specific objections to the Sole Source certification using the criteria listed above.**

**1.2.2 A statement regarding the Interested Party's capabilities as related to this Sole Source Certification Request.**

**1.3 Comments will be accepted at any time prior to Friday, October 12, 2018 at 10:00 am (Central Time) to Katherine Jones at [kajones4@olemiss.edu](mailto:kajones4@olemiss.edu) (with Cc: to [purchase@olemiss.edu](mailto:purchase@olemiss.edu)) at The University of Mississippi Procurement Services Department, 164 Jeanette Phillips Drive, PO Box 1848, University, Mississippi 38677. Responses may be delivered by hand, via regular mail, overnight delivery, or e-mail.**

**The envelope or email should reference the sole source number. UM WILL NOT BE RESPONSIBLE FOR DELAYS IN THE DELIVERY OF RESPONSES. It is solely the responsibility of the Interested Parties that responses reach UM on time. Interested Parties may contact Katherine Jones to verify the receipt of their Responses. Responses received after the deadline will be rejected.**

**If after a review of the submitted notice and documents, UM determines that the commodity in the proposed sole source request can be provided by another person or entity, then UM will withdraw the sole source certification and submit the procurement of the commodity to an advertised competitive bid or selection process.**

**If UM determines after review that there is only one (1) source for the required commodity, then UM will appeal to the Public Procurement Review Board for approval to purchase.**