

Sole Source Justification

http://www.washington.edu/admin/purchstores/yourdept/sole_source.html

Needed for all purchases in excess of \$3,300.⁰⁰

Here are some sample justifications we have used in the past:

Thermal Cycler - "We compared similar systems offered from BioRad, Eppendorf, Stratagene, and Roche. We determined that the ABI 7300 provides the best SNP cluster plot software to enable us to perform the genotyping that will be the primary use of this instrument. In addition, onsite service and support from ABI will help to solve potential future technical problems that may arise."

Software - "This software will allow us to analyze sequenced data for multiple amplicons for multiple patients. It is the only program that can identify the deleted sequences with the complexity and accuracy for the volume of samples that we require while also using a platform that is simple enough for multiple users to learn quickly."

Water Purification System - "Research team sought out a small-size purification system, extensively evaluating instruments from two competing manufacturers--Arium 611F (from Sartorius) and Cascade Lab Water Purification System (from Pall Life Sciences). Few manufacturers actually make small systems, and after comparing the effectiveness of each instrument, the research team discovered that Fisher Scientific was one of the few who could provide the needed compact size with the necessary effectiveness."

"This is the only technology for quantification of nucleic acids that allows us to spec DNA, RNA, protein, and cells in a small volume with no need for further dilution."

Mass Spec - The UW Department of Pediatrics is purchasing a tandem quadrupole mass spectrometer for a pilot program carried out by Prof. C. Ronald Scott, MD, PhD, on newborn screening for Pompe, Fabry, and Hurler diseases. Tandem quadrupole instruments are an accepted standard in newborn screening and cannot be replaced by another type of a mass spectrometer. There are currently three vendors of tandem quadrupole mass spectrometers: Applied Biosystems-Sciex, ThermoElectron-Finnigan) and Waters-Micromass. A decision has been made to purchase a Waters Micromass Quattro Micro TQ mass spectrometer (quoted as "Waters TQ Detector", see attached).

The purchase of a Waters TQ Detector is justified on the following grounds:

- (1) The instrument represents a modern technology with a new T-Wave collision cell that allows for rapid multiplex measurements that are critical for the pilot program. The Waters instrument was tested with authentic assay samples to be used for newborn screening and found to have adequate sensitivity and throughput.
- (2) The Waters data system (MassLynx) is directly compatible with the existing custom-made Neometrix data system that is established in the Washington State Newborn Screening laboratory where the new instrument will be installed and operated. Software compatibility is a critical issue for the research pilot program, because of a large number of samples to be handled daily in conjunction with the state-run screening program
- (3) Currently there are six other Waters tandem quadrupole mass spectrometers used for newborn screening and research at UW, the Seattle Children's Hospital and Regional Center, and in the Washington State Newborn Screening laboratory. These instruments are operated by the same data acquisition system and are mutually compatible. Acquiring a Waters instrument will ensure both technological compatibility and method transfer which are critical for the pilot program.
- (4) The ThermoElectron and Applied Biosystems instruments do not have data acquisition systems that are directly compatible with the Neometrix data handling system in the State Newborn Screening laboratory.

SOLE SOURCE JUSTIFICATION - GOODS AND SERVICES

A Sole Source Justification may be made when there is clearly and legitimately a single source of supply

COMPLETE OPTION 1 OR OPTION 2

Purchase Requisition#: Number of the requisition

Department: Name of your department

OPTION 1: **Complete Both Questions:**

UNIT PRICE ALONE IS NOT A REASON FOR SOLE SOURCE

- ☐ Unique requirement or specific problem
(**Requirements/functions/features**):

- ☐ List companies contacted/brands investigated that weren't suitable and why (*Minimum of 3 vendors preferred*) (**Required-must complete**):

Must complete for either option

Information provided is true and accurate for this decision and may be used for audit documentation.

Date: _____

Name (Printed)

Phone: _____ / _____ - _____

Email: _____

OPTION 2: **Check all boxes that apply.** (Provide explanation on attachments)

- ☐ Collaborative agreement/research with (**Explain**)

- ☐ Continuity of research (Prior PO# _____)

- ☐ Service/Maintenance (Prior PO# _____)

- ☐ New Coverage

- ☐ Match existing equipment:

UW Tag # _____

Serial # _____

- ☐ Original Equipment Manufacturer (OEM)

- ☐ As a replacement part

- ☐ Component to be interfaced with equipment

- ☐ For interchangeability

- ☐ Consumable used with equipment

- ☐ Repair/Service (sole OEM authorized)

- ☐ Equipment upgrade

- ☐ Government

- ☐ Other (**Explain**)

Explain:

Please email or fax completed form to:

purementry@u.washington.edu or fax: 206-543-3854 (please include requisition number and the word "Attachment" in the subject line).

Attach any additional documentation to this form

For additional information visit our web site: <http://www.washington.edu/admin/purchstores/>