

Date: April 13, 2012

RE: Particle Image Velocimetry (PIV) System

Dear Potential Respondent:

The University of Oregon (University), is seeking a Particle Image Velocimetry System for use at the University of Oregon's Institute of Ecology and Evolution. This system will allow the University of Oregon to study behavior of aquatic organisms under realistic environmental flows.

This letter does not constitute a solicitation for bids or an offer of a contract. Responses will not bind you to the University (or the University to you) contractually or monetarily, or in any other way. Please do not respond exclusively by telephone or merely by sending marketing brochures. Please feel free to make suggestions, in addition to responding to the questions. Please submit your responses to Arlene Deyo, email (ardeyo@uoregon.edu) by 5:00pm no later than April 20, 2012. Responses submitted after this date may be considered if the University, in its sole discretion, deems appropriate or desirable.

Once the University receives all information it wishes to obtain, it will evaluate the information and determine whether to negotiate with you. The University may negotiate with no vendors, one vendor, or more than one vendor. It is the University's intent to purchase the components and services it deems, in its sole discretion, to provide the best value to the University, though the University may choose to purchase no components or services. Price will be one of many factors considered in any purchase. The factors considered are not limited to those addressed in this letter, the responses to this letter, or any other inquiries the University might make and responses it might receive. The University reserves the right to request equipment demonstrations, if in its sole discretion; the University determines that equipment demonstrations are in its best interest. The University is under no obligation to share additional information with you beyond that contained in this letter but may do so if the University, in its sole discretion, deems it advantageous.

It is hoped that the result of this process will be a binding contract between the University and a vendor which will include terms and conditions substantially set forth in the draft contract enclosed with this letter. If you have questions, concerns or proposed revisions to any of the terms and conditions contained in the attached contract, you must address those in your response. If you do not address your questions, concerns or proposed revisions in your response, the following terms and conditions in the attached agreement will be non-negotiable and will not be subject to revision: Sections: 11 through 17.

A. The University is seeking information to use in negotiating the acquisition of a Particle Image Velocimetry (PIV) System for visualizing the behavior of aquatic organisms under realistic environmental flows that includes all of the following components and specifications:

- 1) A CMOS camera with resolution of greater than or equal to 1 Million pixels while acquiring at 1500 frames per second or faster and a minimum of 5 GBytes of RAM installed in the camera head

- 2) A 671 nm band pass filter
- 3) A Universal Timing Device for providing TTL trigger signals to cameras, lasers and other synchronized devices
- 4) A host PC with Quad Core processor, 8 GBytes of RAM, >= 1TByte Hard Drive and an interface capable of hosting at least one Graphic Processing Unit,
- 5) A TTL Gateable DPSS Laser with 2 Watts of TEM 00 output at 671nm with adjustable light sheet optics
- 6) A 3-component translation system
- 7) An integrated software system that provides integrated hierarchical data management system to store raw data, processed data, and facilitates batch data processing of multiple processing operations across multiple data sets
- 8) Data export and data exchange with colleagues through external programs including Matlab
- 9) Support for system set-up and maintenance including in-person visits if necessary

B. Optional Goods/Services:

- 1) Adaptive PIV processing that automatically adapts the size, shape, and orientation of the interrogation cell based on the local image quality, seeding density, and velocity gradients

C. You must also provide the following information:

- 1) Product name
- 2) Model number(s)
- 3) Whether you are a developer and manufacturer or a distributor
- 4) If you are a distributor, describe in detail what would be provided by the developer or manufacturer and what would be provided by you
- 5) List the hardware and software that is included in your system configuration
- 6) Provide a price quote for the system configuration
- 7) Identify the warranty period for the Equipment
- 8) Provide Equipment specifications for each model quoted
- 9) Do you charge for telephone support after the expiration of the warranty period?
- 10) Describe any technical support you provide to your customers when they need assistance
- 11) Describe any special delivery or installation requirements
- 12) A proposed timeline with breakdown of time allocated for implementation and delivery of all deliverables identified in **Section A** above
- 13) Provide any other information, documents, or materials you wish
- 14) Provide description of the Respondent's experience performing projects similar in type and magnitude to the subject of this letter. Respondents must include a minimum of three examples. Respondent must also include work samples of similar projects (e.g. photographs, literature, schematics, report samples, etc.)
- 15) Provide a list of three clients and contact information for whom similar projects have been completed by the Respondent. These clients may be contacted by

University for an evaluation and assessment of the Respondent's performance

Responses to this letter will be retained by the University for a required retention period and made a part of a file or record that will be open to public inspection. If a response contains any information that is considered a "trade secret" under ORS 192.501(2), you must mark each page containing such information with the following legend: "TRADE SECRET".

The Oregon public records law exempts from disclosure only bona fide trade secrets, and the exemption from disclosure applies "unless the public interest requires disclosure in the particular instance." Non-disclosure of documents or any portion thereof or information contained therein may depend on official or judicial determinations made pursuant to law. An entire response to this letter marked as "trade secret" is unacceptable, and the response will be returned to you for modification.

Questions about this procurement should be directed to Arlene Deyo by telephone (541-346-5481) or email (ardeyo@uoregon.edu).

Thank you for your prompt attention to this letter and your interest in the University of Oregon.

Sincerely,

Arlene Deyo
University of Oregon
Institute of Ecology and Evolution